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# ARIZONA SEED AND FLORAL CO.

1920

ARIZONA  
WONDERFUL  
LETTUCE



PHOENIX, ARIZONA.



# The Store We Are Proud Of



Interior of Retail Store, 28-30 South Central Avenue

Arizona Seed and Floral Company

Phoenix, Arizona



# TOOTING MY OWN HORN

As I write this page each year I find myself wondering how many of you good people read it. Our printer tells me it is a wasted page, but I don't believe it. I can remember when I was a boy how we read seed catalogues from cover to cover and wished for more. Of course times have changed since then and we are all terribly busy, but I don't think we ever get too busy to read a good seed catalogue and so I feel reasonably sure you will read this one through and through, and agree with me that it is a good one. It is the only seed catalogue published that specializes on Arizona and New Mexico conditions and it is prepared with that same brand of enthusiasm that has built the **Arizona Seed & Floral Co.** to what it is today. Enthusiasm and hard work spell success, and success is our middle name for we have succeeded, not only in working hard, but in accomplishing our purpose, that of supplying seeds adapted to our peculiar climatic conditions and by so doing we have rendered a service to Arizona Planters and gained the confidence of our customers. Ten years ago we took up the problem of seed selection and seed production in Arizona and for a long time it was up-hill business, but all things come to him who works and waits, so today we find ourselves the proud possessors of the largest and best equipped retail seed store in the Southwest.

On the opposite page appears a photograph of our retail store interior. It consists of first floor and basement, 50x150 feet, all equipped with mouse-proof bins, automatic scales, power cleaning apparatus and everything else that means **service**.

Throughout the Catalogue you will find illustrations of our various seed fields and individual specimens of vegetables and flowers which are particularly adapted to the Arid Southwest. These are all from actual photographs and they are a fair representation of the results obtained from our Cactus Brand Seeds.

## THANKS

I want to thank you personally for the business you have given us. Our 1919 business was far beyond my fondest expectations and I assure you it is gratifying, for to me it is proof that your dealings with us have been satisfactory. We have put forth every effort to be prompt and courteous, and I hope we have succeeded in pleasing you to the extent that you will feel we have earned your continued patronage. Everyone of our employees have a personal interest in seeing your orders executed promptly and correctly, and if at any time things seem unsatisfactory to you we want you to write us about it or come in and tell us. I have spent considerable time preparing this catalogue and I hope you will find it useful and interesting. If your neighbor borrows yours, ask us for another or send us the neighbor's name and we will mail one direct, in fact we would appreciate it if you will send us the names of anyone in Arizona or New Mexico who you think would like to have a catalogue. A system of seed selection and seed production requires a great volume of business to support it and since our interests are mutual we ask you to please assist us in any way you can to get our Catalogue into the hands of those who are interested that we may enlarge and render a greater service to Arizona Planters.

## MAIL ORDERS SHIPPED SAME DAY RECEIVED

We have hundreds of letters in our files complimenting us on the speed of our mail order department. During 1919 we received 6,041 mail orders and shipped more than 85 per cent. of them the same day they were received. I doubt if there is another seed house in the country that can boast of a like record. We try to acknowledge receipt of your order by advising you that it has been shipped. It keeps us hustling some times and frequently we labor until late at night, but when the day's work is done we know that it has been done well and that you who have entrusted orders to us will be highly pleased to receive your goods so promptly.

## ORDER EARLY

This year is going to be the biggest seed year Arizona has ever seen and we are making all possible preparation to meet the demands that will be made of us. You can help us by ordering early. Sit down right now and plan your garden. Our new crop seeds are nearly all cleaned and ready by January first, and if you can, send your orders soon after that time, it will somewhat relieve the congestion which prevails during March, April and May. Again in behalf of the **Arizona Seed & Floral Co.** I want to thank you for the nice business we enjoyed the past season and I hope you were as well pleased with the seeds we sent you and the service we rendered as we were to receive your orders. When you come to Phoenix come in and see the best seed store in the great State of Arizona.

F. C. McNABB,

President and Manager.

**Prices in This Catalogue Cancel All Previous Prices and are  
Subject to Change Without Notice**

## How To Order By Mail

**YOUR NAME AND ADDRESS.**—Be sure that your name and address are written very plainly on each order. We frequently have orders where either name is not given or address omitted. Also give plainly the R. F. D. number and box or street address. We acknowledge all orders above 25 cents by Post Card, giving the number of your particular order. If such acknowledgement is not received, or if the order does not follow at once, write us about it.

**CASH WITH ORDER.**—The proper way is to send remittance in full to cover order and postage. Remittance should be made by Post Office Money Order or Express Money Order. For amounts up to \$1.00 clean unused Postage Stamps will be accepted. Checks on Phoenix banks may be sent, which will be a great convenience to many customers. We do not accept responsibility for orders which never reach us.

**SHIPPING.**—We will use our best judgment as to the best way of sending orders when specific directions are not given. On large orders it is better to have them go by express or freight if your town is on a railroad—it is safer. We prepay express charges quoted "postpaid". If special directions in shipping are needed, send them explicitly, and where express or freight office is different from post office so state in space on our order sheet. Paris Green, London Purple and other poisons are not mailable, nor are liquids like Black Leaf 40 and other insecticides; they must go by express or freight. Seeds do not pack well with nursery stock, they may get damp and become spoiled; it is therefore better to have them shipped separately.

**POSTAL RATES.**—Rates of Postage on Books, Seeds, Bulbs, Plants, Roots, and Scions Cuttings, 8 oz. or less, 1c for each 2 oz.; all over 8 oz., Parcel Post Rates  
**WEIGHT LIMIT:** First and second zones 70 pounds, third zone and others 50 pounds.

1st zone Up to 50 miles from Phoenix	2d zone 50 to 150 mi. from Phoenix	3d zone 150 to 300 mi. from Phoenix	4th zone 300 to 600 mi. from Phoenix	5th zone 600 to 1000 mi. from Phoenix	6th zone 1000 to 1400 mi. from Phoenix
1 lb.....5c	1 lb.....5c	1 lb.....6c	1 lb.....7c	1 lb.....8c	1 lb.....9c
2 lb.....6c	2 lb.....6c	2 lb.....8c	2 lb.....11c	2 lb.....14c	2 lb.....17c
For every additional lb. or part of add 1c	For every additional lb. or part of add 1c	For every additional lb. or part of add 2c	For every additional lb. or part of add 4c	For every additional lb. or part of add 6c	For every additional lb. or part of add 8c

**SEEDS BY MAIL.**—On orders for vegetable and flower seeds except Beans, Corn and Peas we pay postage or express, but we do not pay postage or express charges on Onion Sets, Field Seeds, Clovers, Grasses, Bird Seeds, Beans, Corn, Peas, Tools, Plants or Bulbs.

**GUARANTEE.**—Complaints that seeds are not of good germination might quite as often be attributed to other causes than the quality of the seed. There are many contingencies arising to prevent the best seed giving satisfaction; such as sowing too deeply, too shallow, in too wet or too dry a soil, insects may destroy the plants as soon as or before they appear, wet weather, cold weather, frosts, chemical changes in the seed induced by temperature, etc. For these reasons it is impracticable to guarantee seed under all circumstances, therefore the Arizona Seed & Floral Company give no warranty, expressed or implied as to description, quality, productiveness or any other matter of any seeds, bulbs, plants or trees they send out, and they will not be responsible in any way for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

**Arizona Seed & Floral Company,**

F. C. McNabb, Pres. and Mgr.

**BUY THE BEST—WE DO**



## VEGETABLE SEEDS

**NOTICE.**—Because of the unsettled conditions we cannot guarantee these prices but to conserve time and eliminate correspondence all orders will be filled at market prices prevailing the day order is received.

### ARTICHOKE

**Green Globe.**—Grown for the undeveloped flower heads which are cooked like asparagus. When once planted it lasts several years. Seed should be sown in frames and plants transplanted to the open when large enough. (Pkt. 10c) (oz. \$1.20)

### ASPARAGUS

Seed should be planted in February and March in rows three feet apart, covering about one inch. The following spring the roots may be transplanted to rows four feet apart and one foot apart in the row.

Two-year-old roots should be planted in January and February. Trench about 18 or 20 inches deep then partially fill with well rotted manure and mix with the soil. Set the roots about 12 inches below the surface and cover two inches, leaving the trench open, as cultivation during the summer will gradually fill it to the surface level.

**Palmetto.**—An early and productive sort, throwing light green shoots, slightly tinted pink. This variety is very popular among market gardeners. We can supply roots of these about January 15th, and later. Seed per (pkt. 5c) (oz. 10c)  $\frac{1}{4}$  lb. 35c) (lb. \$1.00).

### BEANS

If wanted by mail add postage at zone rates.

Beans should be planted during February and March for the Spring crop and from August 15th to September 15th for the Fall crop. It requires one pound of seed to 80 feet of row or 50 pounds to the acre. Drill in rows two to three feet apart, covering one to two inches. From six to eight weeks is required from time of planting to picking time, and frequently weather conditions will delay maturity longer. We catalogue here only varieties adapted to our climate and soils as experience has taught us not all beans are desirable here.

### POLE BEANS

**Kentucky Wonder.**—This large green pod bean should be planted as early as possible in the Spring and again the latter part of July, and to August 15. The Fall crop does remarkably well if staked. (Pkt. 5c) (lb. 40c) (10 lbs. \$3.50.)

**Kentucky Wonder Wax.**—Very similar to the green pod. Prolific and of good quality. Plant during June and July in Southern climates. (Pkt. 5c) (lb. 40c) (10 lbs. \$3.50.)

**Broad Windsor.**—The celebrated Broad Bean of England. Growing on a strong stalk two feet high; beans eaten shelled. (Pkt. 5c) (1 lb. 25c) (10 lbs. \$1.75.)

**White Seeded Kentucky Wonder.**—Said to be ten days earlier and more prolific than the old brown seeded variety. The vines are vigorous and very productive. Pods medium green round, very long, often reaching eight to nine inches. Planted in corn when it is about three feet high it gives excellent results. (Pkt. 5c) (lb. 40c) (10 lbs. \$3.25.)



### BUSH VARIETIES

**Stringless Green Pod.**—This is by far the leading green pod variety, possessing the invaluable quality of bearing pods without strings or threads. (Pkt. 5c) (lb. 40c) (10 lbs. \$3.00.)

**Black Wax.**—A very popular variety for the home garden, being one of the earliest and bearing round meaty pods of deep golden yellow. It is almost entirely stringless and carries the excellent flavor for which all wax beans are noted. (Pkt. 5c) (lb. 50c) (10 lbs. \$3.75.)

**Improved Golden Wax.**—Although this is not the earliest dwarf wax bean it is a sure and heavy cropper. The quality is good, it being entirely without strings or fibres at all stages until maturity. Pods are of a rich golden yellow. (Pkt. 5c) (lb. 50c) (10 lbs. \$3.75.)

### LIMA BEANS

**Burpee's Bush Lima.**—Large seeded and very early maturing. (Pkt. 5c) (lb. 45c) (10 lbs. \$4.00.)

**Large Lima.**—A pole variety, large seeded, bearing usually three to four beans in a pod. (Pkt. 5c) (lb. 50c) (10 lbs. \$3.75.)

**Aztec Beans.**—First discovered in the old Aztec ruins of Arizona. It is very large somewhat resembling a Lima except that it is round. The Aztec is at home in arid sections and produces enormous crops of fine plump beans that may be either shelled green and cooked or cooked dry. Owing to the limited supply we can offer them only in small quantities. (Pkt. 10c) (oz. 10c) (1 lb. 75c.)

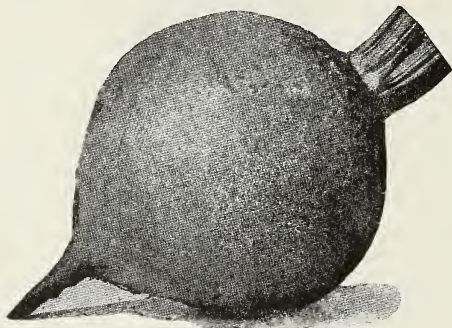
BUY THE BEST—WE DO



## BEETS

In the small garden beets may be grown in rows 12 inches apart, in the field 18 to 24 inches. They may be planted from August 1 to June 1. One ounce of seed will sow 50 feet of row and six or seven pounds are required for an acre. If the soil is in perfect condition beet seed will germinate readily, but they should not be planted in wet, soggy ground in the winter time.

Frequent cultivation is necessary for rapid and tender growth. While it is true beets will endure considerable drouth and neglect, growing under these conditions they become woody and ill shaped, particularly in our heavy adobe soil. Keep them well cultivated and they will produce table size beets in 65 to 70 days.



**ECLIPSE**

**Eclipse.**—Not quite as early as the Egyptian. It is nearly round and has a small top. The flesh is of a bright red color, very fine grained, tender and sweet. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 45c) (lb. \$1.25.)

**Crosby's Egyptian.**—A medium sized beet, very early and of small top. It is a globe variety of deep crimson, sweet and tender. We recommend it highly for market gardeners or home garden. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50.)

**Extra Early Egyptian.**—An early dark red flat variety, which we recommend for late Spring and Summer planting, it having been thoroughly demonstrated by Salt River Valley market gardeners that it is far superior to any other for planting at this time. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50.)

**Early Blood Turnip.**—One of the early sorts; turnip shaped, dark red and of medium size. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50.)

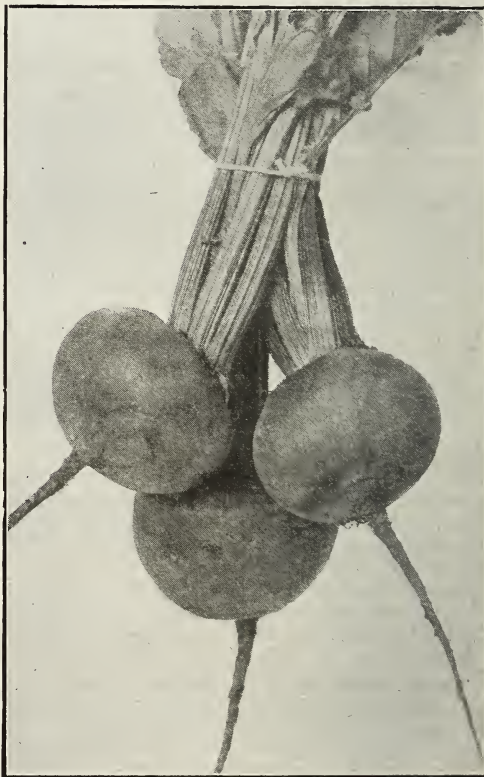
**Detroit Dark Red.**—One of the best for home or market garden use. Medium sized, globular or nearly round with a fine grained, dark red flesh. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50.)

**Long Blood.**—A splendid variety for sandy soil but should be avoided if soil is heavy as it is almost impossible to harvest them. Flesh is very dark red and beet long, symmetrical shape. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 45c) (lb. \$1.25.)



**SWISS CHARD**

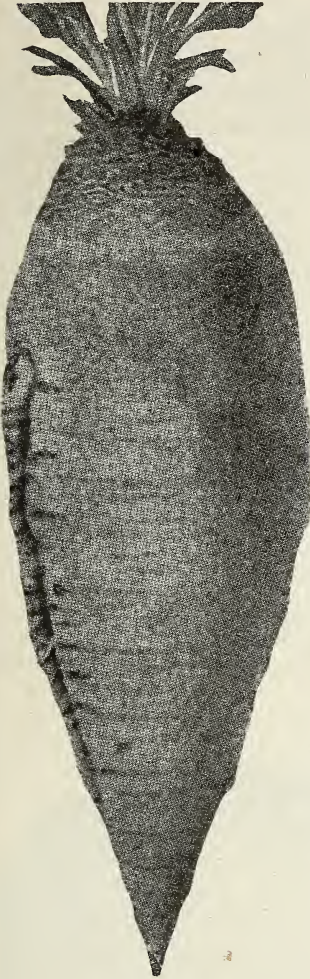
**Swiss Chard.**—A foliage beet used for greens. Excellent for green feed for poultry. It may be cut above the crown and will come again. (Pkt. 5c) (oz. 20c) ( $\frac{1}{4}$  lb. 60c) (lb. \$1.75.)



**BEET—CROSBY'S EGYPTIAN**

**BUY THE BEST—WE DO**

# STOCK BEETS FOR FEEDING



**Stock Beets** have for years been recognized as a most valuable feed for hogs, sheep and cattle, throughout Europe, Canada and also the Eastern and Middle Western States of America.

Stock Beets are one of the finest fat and milk-producing crops we have today and when fed in conjunction with grain they are worth nearly as much, pound for pound, as the grain itself.

If you were to examine the storage cellars and pits of the farmers throughout the Eastern and Middle States you would find thousands of tons of these crisp, sweet, juicy Beets stored away to be fed their stock during the cold winter months when other feeds are scarce and high.

Stock Beets also furnish excellent feed for chickens and rabbits.

## PRODUCTION AND COSTS

The average production of Stock Beets at our trial grounds was 35 tons per acre. This is not exceptional—80 tons per acre has been reported.

The average cost of production on a basis of 35 tons per acre is \$2.00 per ton. Compare this with \$40.00 to \$50.00 per ton, which is the cost of beet pulp and other feeds today.

## CULTURE

**Stock Beet Seed** should be sown about one-inch deep, in well-cultivated soil in drills eighteen inches to three feet apart (depending upon the method of cultivation.) When the plants are sufficiently large, thin out to stand ten to twelve inches apart in the rows. The seed is generally sown at the rate of eight to ten pounds per acre. Beet Seed is very hard and does not germinate as easily as other seeds, therefore, the soil should be very moist at the time the seed is planted. If the soil should be dry it is advisable to soak the seed in luke-warm water for twenty-four hours before planting.

In harvesting Stock Beets it is well to know that the tops have a feeding value as well as the roots, and their weight will total in addition to the roots about one-fourth to one-fifth the tonnage of the roots per acre, this depending upon the variety.

On loose, well-cultivated soil the Beets can be pulled by hand, as they grow from one-half to two-thirds of their length out of the soil. On heavy soil it is sometimes necessary to run the plow along one side to loosen them up.

If you wish to store them the tops should be cut off far enough above the crown so that each leaf will be cut off separately. Store the Beets in a cool, well protected place. If the tops are to be used for fertilizing they can be cut off in the field and left there to be plowed under.

For feeding purposes, Stock Beets are usually fed half and half with some dried ration. You will be surprised to see how your stock thrive on it—not only that, but think of the saving in your feed bill. Cut up and feed ten to twenty pounds of the Beets per day along with other rations. There is no danger of tainting the milk.

**Giant Half Sugar Rose.**—We have seen specimens of this variety in the Salt River Valley weighing 45 pounds, and have heard of them weighing 70 pounds. (Pkt. 5c) (lb. 90c) (10 lbs. \$7.50.)

**Golden Tankard.**—A large yellow sort growing

about half out of the ground. (Pkt. 5c) (lb. 90c) (10 lbs. \$7.50).

**Mammoth Long Red.**—A very large mangel and a heavy cropper. Skin is red, flesh white, zoned with red. This variety is equally as good as the Giant Half Sugar. (Pkt. 5c) (lb. 90c) (10 lbs. \$7.50).

BUY THE BEST—WE DO



# CABBAGE

## CULTURE

Well knowing the first essential of successful Cabbage growing to be good seed, we are giving it our undivided attention and the results have been most gratifying. The seed we offer here is of the most highly selected strains and will produce wonderfully tender, crisp Cabbage.

In the Southern valleys of Arizona, seed should be sown the latter part of August and during September in shaded beds, the shade to be of burlap or something that may be removed before plants become spindling. For small heading varieties, such as Early Winnigstadt and Jersey Wakefield, plant in rows three feet apart and 18 inches apart in the row. Begin transplanting as soon as plants are large enough and cultivate constantly.

One-half pound of seed should be planted to grow plants for one acre.

The illustrations appearing on these pages are from actual photographs taken of seed field specimens.



**CABBAGE—EARLY WINNIGSTADT**

**Early Winnigstadt.**—One of the best for general use, being a medium sized head, very solid and of uniform shape. It is the leading variety for Southern Arizona, and our strain of seed is selected from a sure-heading type. (Pkt. 5c) (oz. 60c) (¼ lb. \$2.00) (lb. \$6.00.)

**Glory of Enkhuizen.**—An extra early round head cabbage of the finest quality. We were fortunate in getting a few pounds of Holland grown seed this year and are holding it strictly for our Catalogue customers. It is the best you can buy. (Pkt. 5c) (oz. 85c) (¼ lb. \$2.85) (lb. \$8.50.)

**Early Jersey Wakefield.**—Slightly larger than the Winnigstadt heads conical shape, and very compact. A good second early variety. (Pkt. 5c) (oz. 60c) (¼ lb. \$2.00) (lb. \$6.00.)

**Early Flat Dutch.**—Very hardy, handsome, solid and of fine quality; particularly desirable for shipping to distant markets. (Pkt. 5c) (oz. 60c) (¼ lb. \$2.00) (lb. \$6.00.)

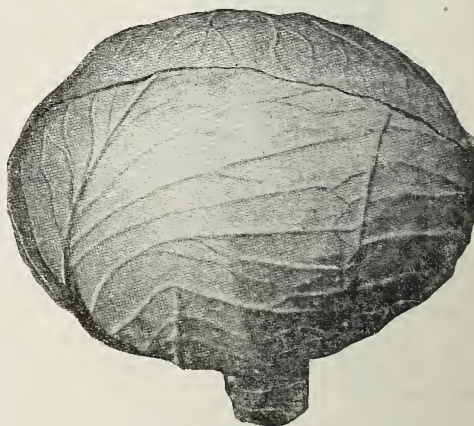
**Late Large Flat Dutch.**—A large flat head with few useless outer leaves. Cuts white and crisp. Grows low with a very short stem. (Pkt. 5c) (oz. 60c) (¼ lb. \$2.00) (lb. \$6.00.)



**ALL HEAD EARLY**

**All Head Early.**—A thoroughbred sort of remarkably uniform size and shape, and sureheading qualities. Deep flat heads, solid and uniform in color, and in tenderness unsurpassed. By reason of its compactness one thousand more heads can be obtained from one acre than of any other good sized varieties. (Pkt. 5c) (oz. 60c) (¼ lb. \$2.00) (lb. \$6.00.)

**Red Dutch.**—Fine solid, dark red heads, used for boiling or pickling. This variety carries a flavor all its own. (Pkt. 5c) (oz. 70c) (¼ lb. \$2.35) (lb. \$7.00.)



**DANISH BALLHEAD  
Cactus Brand**

A medium sized, very solid variety which will remain in good condition longer than most sorts. It is one of the hardiest winter Cabbages we have. Being a very strong grower it demands a reasonably rich soil and will respond readily to fertilizer. We cannot recommend Cactus Brand Danish Ballhead too highly. (Pkt. 5c) (oz. 60c) (¼ lb. \$2.00) (lb. \$6.00.)



# CABBAGE



A FIELD SCENE OF CACTUS BRAND COPENHAGEN MARKET CABBAGE

## CACTUS BRAND COPENHAGEN MARKET

IS ONE OF THE EARLIEST ROUND HEADED CABBAGES

It is only a few days later than Jersey Wakefield and the yield is much higher. The spherical heads reach, even with very small growing space, an average weight of about nine pounds. The stem is low, the leaves, in relation to the size of the head are very small and fine. One great feature about Cactus Brand Copenhagen Market is that about 95 per cent of the heads are suitable for cutting at the same time so that the land may be cleared almost completely at one cutting. Under favorable growing conditions this Cabbage will mature in 12 to 15 weeks from time of transplanting and it is gradually becoming a favorite among gardeners and shippers.

Arizona climatic conditions are unsettled. During the Cabbage season we may have a great variety of weather within a week and it takes a hardy strain of seed to produce a plant that will be a success under these conditions. Cactus Brand Copenhagen Market will prove hardy under arid climatic conditions and will produce a crop. (Pkt. 5c) (oz. 75c) (¼ lb. \$2.50) (lb. \$7.50.)

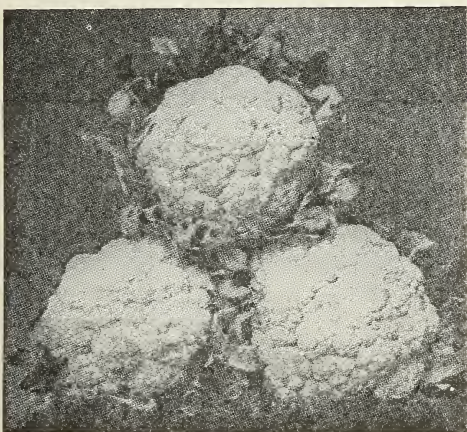
## CAULIFLOWER

Ask for our Special Pamphlet.

Especially popular as a winter crop and with market gardeners proves a profitable crop, owing to the scarcity of good market vegetables when Cauliflower is at its best. It is easy to grow in the garden, providing the soil is made rich and porous. Plant seed the latter part of July and during August and September in Southern Arizona. In the higher altitudes plant the same as cabbage. Set in rows twenty four inches apart and fourteen inches apart in the row.

**Henderson's Early Snowball.**—A medium sized early variety. Heads are pure white and well protected by outer leaves. (Pkt. 10c) (¼ oz. \$1.50) is gone. (Pkt. 10c) (¼ oz. \$1.50) (oz. \$4.50.)

**Large Pearl.**—Heads much larger than Snowball and a trifle later. Planted at the same time a second crop is ready for market when the Snowball is gone. (Pkt. 10c) (¼ oz. \$1.50) (oz. \$4.50.)



HENDERSON'S SNOWBALL

BUY THE BEST—WE DO



## CARROTS

The Carrot is one of the most wholesome and nutritious of our garden roots and it may be prepared in many appetizing ways. There is probably no root crop that will produce as much food on the same amount of land as the carrot. In Southern valleys they may be left in the ground all winter. Our Cactus Brand Carrot seeds are great producers under arid conditions. Plant plenty of them.



IMPROVED CHANTENAY

The carrot is very easily grown, being perfectly hardy in all temperatures which come to Southern Arizona. Seed should be sown from September to May in drills ten inches apart on ridges. It requires four pounds of seed for an acre or one ounce to 100 feet of drill. They are ready for table use in eight to ten weeks after planting, and remain good for three to four months.

Sow in drills fifteen to eighteen inches apart, covering the seed one-half inch. Keep clean by frequent hoeing and weeding. If neglected, the young plants are easily smothered and the crop is lost.

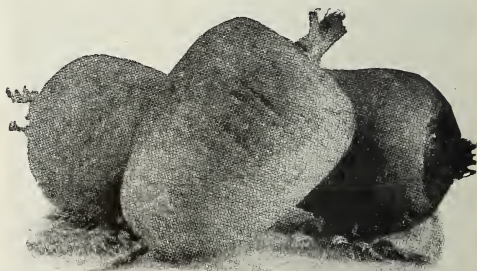
**Danver's Half Long.**—The best for general crop. Will yield the most per acre. Most profitable for market gardeners. This variety originated in Massachusetts, where the raising of carrots is made a special business. On account of its productiveness and adaptability to all classes of soils it is now the most popular carrot grown. Tops are medium size, roots deep orange, large but of medium length, tapering uniformly to a blunt point. Smooth and handsome flesh, sweet, crisp and tender. (Pkt. 5c) (oz. 15c) (¼ lb. 50c) (lb. \$1.50.)

**White Belgian.**—Purely a stock variety, growing to enormous size; flesh and skin white and very sweet; a yield of 15 to 20 tons to the acre is not unusual. (Pkt. 5c) (oz. 15c) (¼ lb. 40c) (lb. \$1.25.)

**Improved Long Orange.**—The roots grow uniform and smooth, of large size and deep rich orange color. A good keeper, of fine quality for table use and excellent for stock. (Pkt. 5c) (oz. 15c) (¼ lb. 45c) (lb. \$1.25.)

**Chantenay.**—Flesh a deep golden orange, roots smooth and very symmetrical. In size it ranks as intermediate between the Danvers and Ox Heart. It is very early and always produces smooth, shapely roots. Its fine appearance finds for it a ready market, its splendid table qualities keep it in demand. (Pkt. 5c) (oz. 15c) (¼ lb. 45c) (lb. \$1.25.)

**Ox Heart.**—Beautiful shape and color. The roots generally attain four or five inches in length. Very tender and sweet. (Pkt. 5c) (oz. 15c) (¼ lb. 50c) (lb. \$1.50.)

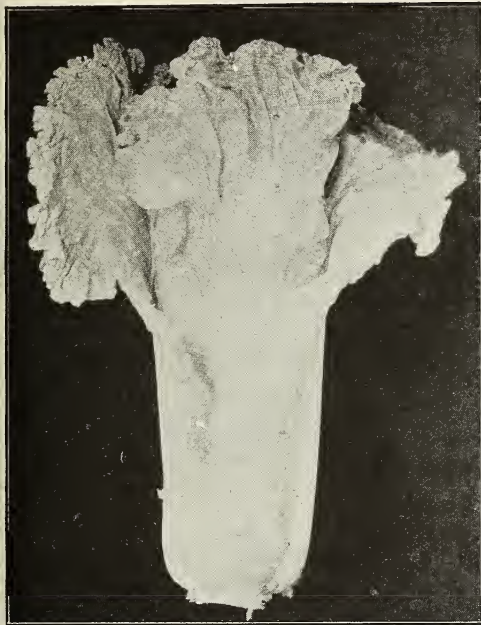


OX HEART CARROT

### SPECIAL NOTICE

Inoculate beans, peas, sweet peas, cow peas, alfalfa, clover and other legumes with Mulford Culture. Read carefully page 27 and ask us for special literature.

# VEGETABLE SEEDS



CHINESE CABBAGE

## CELERY

Celery requires water and plenty of it from the time the seed is sown in February until it is harvested in the fall or winter. The seed is slow to germinate, and the soil where it is planted must be kept very wet. As soon as the young plants are about one and one-half inches high, they should be transplanted to get good sturdy plants before they are set in the garden or field. When they are well started they should be wrapped with sacking or paper, and the dirt drawn to the plants. As fast as the plants grow above the soil they should be hilled up again, thus producing fine bleached stems.

**Golden Self-Blanching.**—American Grown.—This is the variety being planted this Fall in the Salt River Valley. The very handsome color of the crisp, heavy stalks, their freedom from stringiness, and excellent flavor make this a market favorite. (Pkt. 10c) (oz. 60c) (¼ lb. \$2.00) (lb. \$6.00).

**Giant Pascal.**—Grown to some extent in the Salt River Valley, more particularly for the home market for it is considered too crisp for shipping. The stalks are large, thick, solid and very brittle. (Pkt. 10c) (oz. 30c) (¼ lb. \$1.00) (lb. \$3.00).

## CITRONS

**Preserving Citrons.**—The Red Seeded type is most desirable for preserves, the flesh being solid and white. (Pkt. 5c) (oz. 10c) (¼ lb. 35c) (lb. \$1.00).

**Green Seeded or Stock Citron.**—One of the most productive of the stock melons. They will keep indefinitely. (Pkt. 5c) (oz. 10c) (¼ lb. 25c) (lb. 75c).

## CHINESE CABBAGE

Follow cultural directions on lettuce.

One trial of this wonderful little cabbage will convince the grower that he has been missing something in the vegetable line. It is tender, crisp, blanches itself and is equally good raw or cooked. (Pkt. 10c) (oz. 70c) (¼ lb. \$2.25).

## CELERIAC

Or Turnip Rooted Celery

**Large, Smooth Prague.**—A large celery root used for flavoring soups. (Pkt. 10c) (oz. 35c).

## COLLARDS

An old time vegetable used for greens and green chicken feed. In Southern Arizona may be planted in Spring or Fall.

**True Georgia.**—(Pkt. 5c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00).

## CRESS OR PEPPER GRASS

Sow thickly in shallow drills during February, March, September and October. Used for salads and for garnishing. (Pkt. 5c) (oz. 15c) (¼ lb. 50c) (lb. \$1.50).

**Water Cress.**—Sow the seed in cool moist soil or near shallow running water. (Pkt. 10c) (oz. 75c)

## BRUSSELS SPROUTS

Require considerably longer to reach maturity than cabbage as the small heads have to develop at the base of the leaves after the latter are full grown, therefore they must be planted early to escape the ravages of lice and other insects prevalent here in the Spring. Seed should be sown the latter part of July in a shaded bed and transplanted, when large enough, to rows three feet apart and 18 inches apart in the row. If lice appear spray with a solution of Black Leaf 40 and fish oil soap.

**True Imported.**—Produces on the stem compact sprouts resembling miniature cabbages. A delicious vegetable. (Pkt. 10c) (oz. 40c) (¼ lb. \$1.35) (lb. \$4.00).

## MUSHROOM SPAWN

In parts of Arizona mushroom culture has been practiced successfully. We give cultural directions free to each purchaser of our spawn.

**English.**—In bricks per brick (45c Postpaid.)

## MUSTARD

Sow in the Spring and Autumn. Not particular as to soil, though a medium heavy one is best.

**Ostrich Plume.**—So-called for its feathery appearance. Ornamental as well as useful. (Pkt. 5c) (oz. 15c) (¼ lb. 50c) (lb. \$1.50).

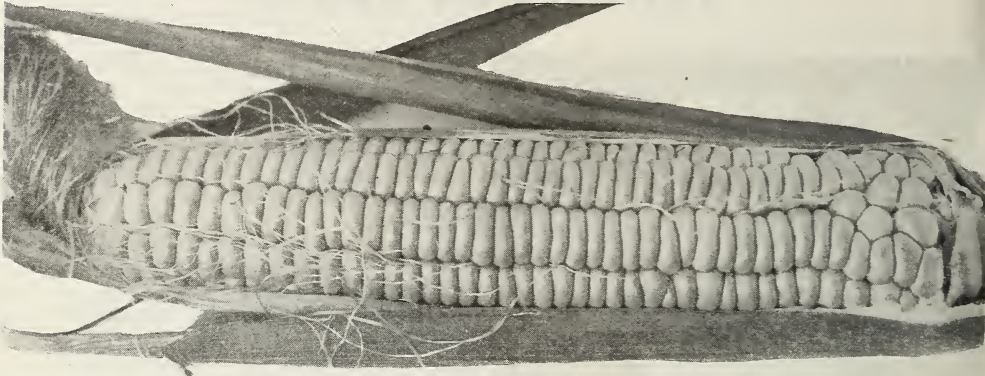
**Southern Giant Curled.**—Leaves large, fourteen to sixteen inches in length, which are cooked like spinach and have a very agreeable flavor. (Pkt. 5c) (oz. 15c) (¼ lb. 40c) (lb. \$1.35).

**White London.**—Best for salads or medicinal purposes. (Pkt. 5c) (oz. 10c) (¼ lb. 20c) (lb. 75c).

BUY THE BEST—WE DO



## SWEET CORN



### EARLY ADAMS

#### CULTURE

Sweet Corn may be planted when the ground is warm enough that there is no danger of the seed decaying. Any of the varieties offered here are successfully grown in the Arid Southwest. Two pounds of seed will plant 200 to 300 hills and it requires about 14 pounds of seed to plant an acre. If you expect to plant quite a field of Sweet Corn, be sure to write us about it and we will give you our special wholesale prices on round lots. We take particular pains to gather our seed ears of corn early and hang them on specially prepared hangers where they are thoroughly cured before shelling. This operation costs us lots of money but it insures good germination and makes it worth while.

**Adams Extra Early.**—Not a sugar corn but one that is planted extensively by market gardeners. We have reports of it having reached the marketing stage in 52 days. (Pkt. 5c) (lb. 25c) (10 lbs. \$2.00.)

**Country Gentleman.**—An old standard variety of very fine quality. Kernels are deep and ear is somewhat smaller than most sweet corns. Matures in about ten weeks. Plant in February and July (Pkt. 5c) (lb. 40c) (10 lbs. \$3.50.)

**Golden Bantam.**—An extra early sort of exceptionally fine flavor. Once tried always grown. For Southern Arizona plant in March and August. (Pkt. 5c) (lb. 40c) (10 lbs. \$3.50.)

### EGG PLANT

This popular vegetable is indeed at home in Southern Arizona, 40 to 50 pounds of perfect specimens having been produced on a single plant. Since the seed is slow to germinate great care must be taken in preparing the bed. Sow in hot bed or boxes and transplant when danger of frost is past. Our acclimated seed is the best to be had. One ounce of seed will produce about 2000 plants.

**Improved Round Purple.**—Large oval-shaped, deep purple fruits. (Pkt. 10c) (oz. 75c) (¼ lb. \$2.50) (lb. \$7.50).

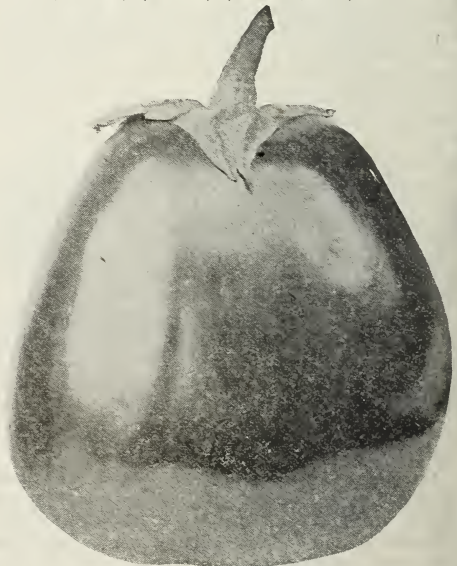
**Florida High Bush.**—A large fruited purple sort; very popular among Southern growers. Fruit is held up well off the ground. The plant is vigorous and very productive. (Pkt. 10c) (oz. 75c) (¼ lb. \$2.50) (lb. \$7.50.)

**Black Beauty.**—A handsome extra early large variety. (Pkt. 10c) (oz. 75c) (¼ lb. \$2.50) (lb. \$7.50.)

**Mexican June.**—Is very popular as a roasting ear corn. Its ability to withstand the heat and other trying conditions make it one of the best for field or garden. We particularly recommend it for July and early August planting. Medium sized ears, white, kernels long and meaty. Select hand picked seed per pound postpaid 25c, 10 pounds by express \$1.60.

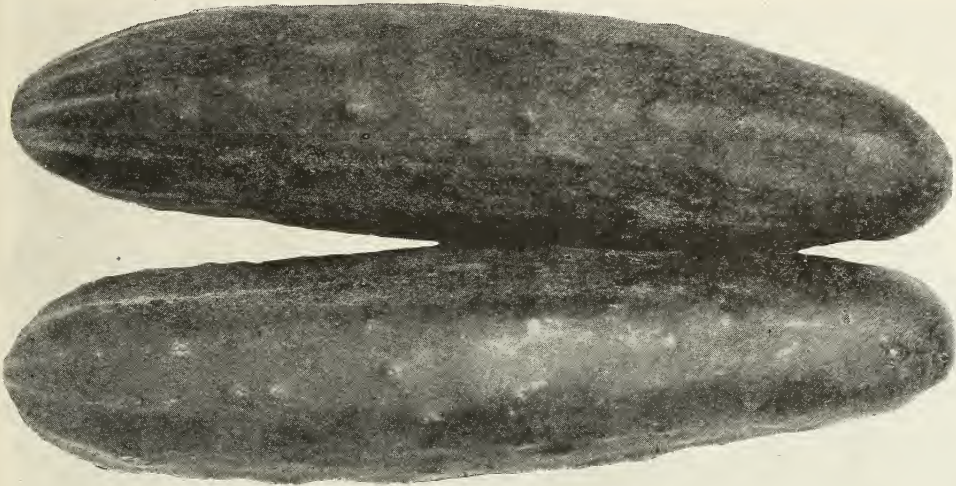
**Oregon Evergreen.**—The most popular and best main crop variety of the Sugar Corns. Of good strong growth, about six feet high. Ears keep in good condition for boiling a remarkably long time. Oregon Evergreen is a late Sweet Corn taking good time to mature. It is also valuable as a fodder corn on account of its succulent stalks. (Pkt. 5c) (lb. 40c) (10 lbs. \$3.25.)

**Stowells Evergreen.**—The standard sort for main crop everywhere. Ears large, deep grained, exceptionally tender and sugary; remains tender and eatable longer than any other variety. A general favorite with canners and market gardeners for late use. (Pkt. 5c) (lb. 40c) (10 lbs. \$3.25.)



ROUND PURPLE

# VEGETABLE SEEDS



**KLONDIKE CUCUMBER**

## CUCUMBERS

Should be grown in hills four feet apart each way, eight to ten seeds in a hill, covered as lightly as can be trusted to retain the moisture until the plants take hold. They require an abundance of water and frequent cultivation to obtain best results. When danger of insects is past thin plants to five or six in a hill. If planting is done after the soil has become warm they will be ready for the table in six weeks after planting. One ounce of seed will plant 50 hills and two pounds an acre.

**Klondike.**—A splendid variety of the White Spine family. For slicing only. (Pkt. 5c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00).

**Japanese Climbing.**—While all cucumbers are running vines, this one is much more so. It is a distinct variety readily climbing on poles or trellises. Quality is splendid. (Pkt. 5c) (oz. 20c) (¼ lb. 55c) (lb. \$1.75).

**Arizona Davis Perfect.**—For market gardeners this is the ideal Cucumber, because of its wonderful uniformity, it being long, slender and tapering to the same shape at both ends. They pack well in crates or boxes and present a beautiful appearance. (Pkt. 5c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00).

**Early White Spine.**—Suitable for slicing. Very uniform, solid and crisp. Vines are of vigorous growth. (Pkt. 5c) (oz. 15c) (¼ lb. 50c) (lb. \$1.50).

**Improved Long Green.**—Dark green, growing 10 to 12 inches long. An old favorite. (Pkt. 5c) (oz. 20c) (¼ lb. 60c) (lb. \$1.75).

**Boston Pickling.**—One of the best pickling varieties, being of medium size and dark green. (Pkt. 5c) (oz. 15c) (¼ lb. 50c) (lb. \$1.50).

## GHERKIN

**True West India.**—Used only for pickling purposes. (Pkt. 5c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00).

## ENDIVE

Sow any time except during the extreme heat in Summer. When plants are three or four inches high transplant to rows 18 inches apart. After plants are well grown gather up leaves and tie at tips into a loose bunch to bleach the inner leaves. This vegetable is highly esteemed as a salad, and grows to perfection here. One ounce of seed will sow 150 feet. (Pkt. 5c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00).

## GARLIC SETS

Garlic has become a very profitable crop in the Salt River valley. The demand is always good and prices are high. It should be planted in climates similar to Salt River valley, during October and November. In the higher altitudes during the Spring season. In planting separate the little bulbets and plant the same as onion sets.

One pound will plant fifty feet of row. Per lb. 75c. Ask for quantity price.

## HERBS

Anise, Balm, Basil, Borage, Caraway, Catnip, Coriander, Dill, Fennel, Lavender, Sage, Thyme, Wormwood. (Pkt. 5c) (doz. pkts. 50c). Postpaid.

## KALE

**Tall Scotch.**—Grows to a height of about 2½ feet. (Pkt. 5c) (oz. 25c) (¼ lb. 85c) (lb. \$2.50).

## KOHL RABI

**Early White Vienna.**—Early and tender, having a flavor all its own. (Pkt. 5c) (oz. 30c) (¼ lb. \$1.00) (lb. \$3.00).

## LEEK

**Large London.**—(Pkt. 5c) (oz. 30c) (¼ lb. \$1.00) (lb. \$3.00).

**BUY THE BEST—WE DO**



# LETTUCE



**ARIZONA WONDERFUL**

**New York Market.**—Hardy, uniform heads, wavy light green outer leaves with the center bleached pure white. Crisp, tender and with a flavor that never fails to please. In planting New York Market Lettuce be sure to thin out to ten inches between plants, as it does not head well if allowed to grow thick. (Pkt. 5c) (oz. 75c) ( $\frac{1}{4}$  lb. \$2.50) (lb. \$7.50.)

**White Paris Cos.**—The best variety of the Cos Lettuce. Forms a large light green plant with the head well folded and quite solid. Cos Lettuce is also called Romaine, and while it is little known here it is highly prized in Europe, and should be planted more extensively here. It is brittle, milky and very sweet, having a flavor not found in any other lettuce. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50.)

**Prizehead.**—One of the very best loose bunching or non-heading varieties. Leaves brown, very early, and of remarkably fine flavor. Grows quickly and all except the outer row of leaves are very brittle. It is probably the most easily grown lettuce in cultivation. (Pkt. 5c) (oz. 20c) ( $\frac{1}{4}$  lb. 65c) (lb. \$2.00.)

**Improved Hanson.**—An old time head variety. (Pkt. 5c) (oz. 20c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50.)

## ARIZONA WONDERFUL LETTUCE

### The Leading Head Lettuce.

A large, crisp tight heading lettuce which is a great favorite wherever grown. We have had no end of praise from our friends who have tried this variety. The quality is the finest, and the heads grow to enormous size, weighing on an average of two pounds. It stands shipping well, having heavy outer leaves to protect the head when packed. (Pkt. 5c) (oz. 75c) ( $\frac{1}{4}$  lb. \$2.50) (lb. \$7.50.)

**Big Boston.**—Large solid heads of a light green color. Leaves smooth, broad and thin. We have experimental plots of this variety this year. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50.)

**Denver Market.**—For the family garden plant this variety broadcast on ridges, allowing it to grow thick. Tender bunches may be cut in a few weeks after planting, and it will continue to grow together, as thinned for table use. Very fine, crisp and early. (Pkt. 5c) (oz. 20c) ( $\frac{1}{4}$  lb. 60c) (lb. \$1.75.)

**Early Curled Simpson.**—A very popular variety of loose leaf lettuce. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50.)

**Iceberg.**—This sort heads better in warm weather than any other variety. Should be planted in January, February and March in Southern Arizona. (Pkt. 5c) (oz. 25c) ( $\frac{1}{4}$  lb. 85c) (lb. \$2.50.)



# MELONS



## IMPROVED FORD HOOK

A new Arizona production. This Melon is our own selection. It is of standard size, round and well netted. The flesh is a rich salmon with a small seed cavity. The flavor is excellent, being rich and sweet to the rind. We think this will prove to be one of the very best local market Melons. (Pkt. 10c) (oz. 25c) ( $\frac{1}{4}$  lb. 80c) (lb. \$2.50.)

## CULTURE

Planted six feet apart each way, it requires about two pounds of seed for an acre. One ounce will plant about fifteen hills. Our Melon seed is from first cut selected Melons only. We do not offer any cheap seed taken from cull melons.

**Rocky Ford.**—Thoroughbred, Rust Resistant. The past season proved beyond all doubt that this melon is far superior to any for production in our Southern valleys. Of the many varieties planted this one was the most uniform and the best netted. The shape is slightly oval, skin a rich, greenish gold when fully ripe and the flesh a light green. We can recommend it highly for home or local market. (Pkt. 5c) (oz. 25c) ( $\frac{1}{4}$  lb. 80c) (lb. \$2.50.)

**Eden Gem.**—A strain of Rocky Ford, favorably known throughout Southern Arizona Cantaloupe growing districts. It is a heavy yielder and nearly all the melons are solid net. This is one of the finest melons to grow either for market or for home use. The flesh is light green and of excellent quality. (Pkt. 5c) (oz. 25c) ( $\frac{1}{4}$  lb. 80c) (lb. \$2.50.)

**Banana.**—This melon grows one and a half to two feet in length and three to four inches in diameter. The flesh is of a rich salmon and the quality is fine when the melon is fully ripe. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 50c).

**Burrel's Gem.**—A very fine melon with a small seed cavity and rich solid yellow meat. It is well netted, of uniform size and of most excellent flavor. Frequently referred to as a pink meat. Many cars of this variety are shipped from the Salt River Valley each year. (Pkt. 5c) (oz. 25c) ( $\frac{1}{4}$  lb. 80c) (lb. \$2.50.)

**Extra Early Hackensack.**—This valuable variety is ready for market fully ten days ahead of the well known Hackensack which it much resembles in shape and quality. The melons are of good size, weighing from five to ten pounds each; excellent for market and private garden. Our acclimated stock is very select. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50.)

**Montreal Market.**—The large fruits are nearly round in form, slightly flattened at the ends, with very large, broad, heavy ribs. The flesh is two inches thick, light green, melting and of delicious flavor. In our demand for a large melon we supply this one and find it is highly satisfactory. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50.)

**Tip Top.**—This melon is slightly larger than the Rocky Ford and is very much in favor as a short distance shipper and a local market melon. It is green fleshed, oval with flattened ends. The seed cavity is small and the flesh firm. (Pkt. 5c) (oz. 20c) ( $\frac{1}{4}$  lbs. 65c) (lb. \$2.00.)



# WATERMELONS



## OUR CACTUS BRAND KLECKLEY'S SWEET Good Producer—Good Flavor—Good Shipper

It is quite difficult to make a choice of Watermelons. There are hundreds of varieties and most all of them have some good qualities, but after having tested many of them, we have boiled the list down to what seems to be the most popular varieties. The Cactus Brand Kleckley's Sweet has given wonderful results and each year we find the sale increasing. It is an excellent shipper, ripens early and the flavor is very fine.

By careful selection we have produced a uniform size, medium rind and a bright red flesh. For local market or for shipping you will find Cactus Brand Kleckley's Sweet a winner. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 40c) (lb. \$1.25.)

### CULTURE

Plant during February, March, April and May in hills ten feet apart each way, eight or ten seeds to the hill. The ground should be prepared deep, but the plants should have shallow cultivation. After plants have become hardened thin out to three or four in a hill. Owing to the large size of watermelon seed the ounce packages are about right for the small garden. One ounce of seed will plant twenty to thirty hills: three pounds to the acre.

**Alabama Sweet.**—The best melon grown for shipping. Oblong, very sweet, dark green, faintly striped, entirely stringless; very prolific. We cannot recommend this melon too highly. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 35c) (lb. \$1.00).

**Florida Favorite.**—Oblong in shape, very early and a good shipper. Flesh light crimson, crisp and deliciously sweet. This melon is a favorite among shippers in the Salt River Valley. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 40c) (lb. \$1.25).

**Angeleno.**—This melon is highly praised on the Phoenix market because of its excellent shipping qualities, uniform shape and fine flavor. It is almost round with a beautiful dark green rind which makes it attractive to the buyer. Do not pick until the yellow shows slightly through the green and you will never disappoint your customer with a green melon. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50).

**White Seeded Chilian.**—By far the most popular melon for the home garden, it being small and of very fine flavor. Flesh a rich, deep red, ripening to a very thin rind. It is almost round in shape, having a rind of dark green slightly striped. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50).

**Black Seeded Chilian.**—Has all the admirable qualities of the white seeded melon. Grows a little smaller, has a very thin rind of rich green color, and if anything is a little more sugary. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50).



# WATERMELONS



## CACTUS BRAND TOM WATSON

Very Large—Very Profitable

An extra large Melon of attractive appearance, uniform shape and very fine flavor. The average Cactus Brand Tom Watson will weigh 40 pounds, and we had specimens this past season weighing 65 pounds. It is an excellent shipping Melon and commands a good price on any market, due to its very large size. The tonnage per acre is enormous. The Cactus Brand Tom Watson and Kleckley's Sweet make an excellent combination for large shippers.

Mr. Harry Burke, a Salt River Valley Watermelon Shipper, writes us:—

Gentlemen:—Your Cactus Brand Tom Watson and Kleckley's Sweet Watermelons were sure winners for me this year. I planted five acres of each and shipped 75 percent of the crop at a good price. I had regular customers calling at the ranch for Melons during the entire season and they were always pleased with the Melons I sold them.

(Pkt. 5c) (oz. 15c) (¼ lb. 50c) (lb. \$1.50.)

### GRAY MONARCH

Sweet and Fine

This is a very large Melon. The rind is green mottled with grey and the flesh is a bright crimson. It is long and grows to enormous size, making an excellent type for home, hotel and restaurant trade. In addition to this it is of delicious flavor and its bright crimson flesh gives it a tempting appearance. (Pkt. 5c) (oz. 15c) (¼ lb. 50c) (lb. \$1.50.)

**True Augusta Rattlesnake.**—This melon rapidly deteriorates unless it is severely rogued therefore, we take particular care in seed selection. It is elongated gray, with green stripes; good size with maximum of 50 to 60 pounds. Seed white with black ears; flesh crisp and excellent. Medium early. (Pkt. 5c) (oz. 15c) (¼ lb. 40c) (lb. \$1.25).

**Icecream.**—A medium sized oval melon of bright green color, finely veined with a darker green shade. The flesh is a bright scarlet, shading to golden yellow and is very sweet and sugary. (Pkt. 5c) (oz. 15c) (¼ lb. 50c) (lb. \$1.50.)

**Halberts Honey.**—This melon ripens early in all melon growing districts. The melons are of cylindrical oblong form with smoothly rounded ends. The rind is thin, the flesh crimson and of the very finest flavor. (Pkt. 5c) (oz. 15c) (¼ lb. 40c) (lb. \$1.25).

**Klondike.**—One of the best melons grown for home use. The rind is very thin and of a medium green color. The flesh is a bright red, tender and deliciously sweet. The Klondike is not a shipping melon for the rind is too thin. It does not make a heavy vine, therefore in the hot valleys of Southern Arizona it should be planted in the same hill with other varieties growing a strong vine. This protects the melon from the hot sun and the planter is rewarded with the most delicious fruit in the melon line. (Pkt. 5c) (oz. 30c) (¼ lb. \$1.00) (lb. \$3.00.)

**Sweetheart.**—Remains in condition for use longer than any other sort. Fruit early, large, oval and very solid. Flesh bright red, tender and sweet. Rind thin but strong, making it a good shipper. (Pkt. 5c) (oz. 15c) (¼ lb. 40c) (lb. \$1.25)

BUY THE BEST—WE DO



## CASABA MELONS

### CULTURE

Cultivate the same as muskmelon, and plant, according to your locality, from February 15 until July 15; for late shipping June 1 to August 1 seems to be the best time for planting.

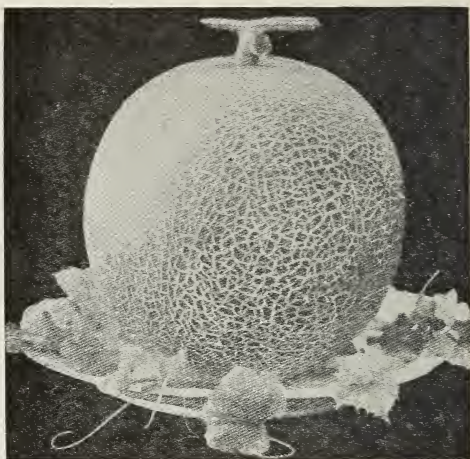
Casabas may be taken from the vine as soon as they lose the green luster, but should not be eaten until the hard rind of the Pineapple will give slightly under pressure, but the Improved Hybrid is not at its best until the thumb can make an impression as in a mellow apple. The best way to keep the Casaba late into the fall is to gather them together in the hill and cover completely with the vine, but do not pick them off the vine.



**CASABA—WINTER PINEAPPLE**

**Winter Pineapple.**—The true winter sort. Large green fleshed melon, having a corrugated skin and a decided pineapple flavor. Pick after the melon has lost its green lustre, and store in a cool dry place until thoroughly ripe. (Pkt. 5c) (oz. 25c) (¼ lb. 85c) (lb. \$2.50.)

**Armenian Melon.**—A salmon fleshed melon of exceptionally fine flavor. Weighs about seven pounds. (Pkt. 5c) (oz. 30c) (¼ lb. \$1.00) (lb. \$3.00.)



**CASAD'S IMPROVED MUSKMELON**

**Casad's Improved Musk Melon.**—This melon is distinctly different from any other, it being neither a musk melon nor a casaba. Its thick smooth, close grained flesh, with a flavor bordering on a pineapple makes it a choice melon for all occasions. (Pkt. 5c) (oz. 25c) (¼ lb. 85c) (lb. \$2.50.)

**Improved Hybrid.**—Smooth rind, white flesh and of fine flavor. Excellent for local market or shipping. (Pkt. 5c) (oz. 25c) (¼ lb. 75c) (lb. \$2.50.)

**White African.**—Large, cream colored melon with a well flavored green flesh and an extremely hard rind. (Pkt. 5c) (oz. 30c) (¼ lb. \$1.00.)

**Golden beauty.**—Grows from six to eight inches in diameter, nearly round, color a perfect golden yellow and rind very hard. This is perhaps the best flavored variety of Casaba. (Pkt. 5c) (oz. 25c) (¼ lb. 80c) (lb. \$2.50)

## HONEY DEW MELON

### The Last Word in Flavor

**Honey Dew Melon.**—The average size of this melon is six inches in diameter and seven to eight inches in length, weighing about six pounds. The skin is smooth and is a creamy yellow when ripe. The flesh is an emerald green, very thick, and of the very finest flavor having a mingling of banana, pineapple and vanilla. It begins maturing about ten days later than cantaloupes and is very prolific. The melon slips from the stem, and for home use they should not be pulled until they reach that stage. Because of their keeping qualities they are excellent shippers, many carloads of them going East the past season. (Pkt. 5c) (oz. 30c) (¼ lb. \$1.00) (lb. \$3.00.)





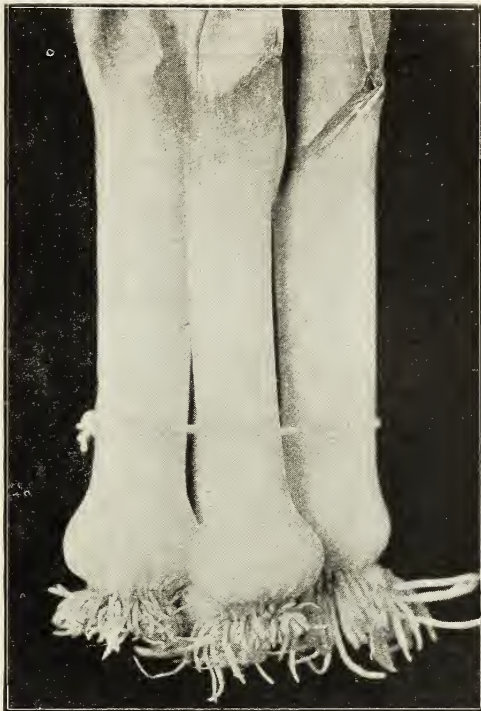
## ONIONS

For the small garden for which these instructions are intended we advise planting only the Bermuda Onions, the Crystal White Wax or the Australian Brown. These are mild and good keepers and are suitable for green onions or mature. For green onions plant from Sept. 15th to March 1st, in double rows six inches apart on ridges 12 inches apart at the rate of 4 oz. of seed to 100 feet of row. Thin out as pulled for table use and if any are left they will produce mature onions in five to seven months from planting. They will respond readily to liberal fertilization, chicken or barn yard manure being highly recommended. Some commercial fertilizers will force them but effect the keeping qualities.

If you contemplate an acreage of onions do not fail to get our illustrated catalogue on the Iron Age Planter. One of these famous planters will pay for itself in the saving of seed on one crop. Endorsed by many Arizona market gardeners. For field planting one oz. of seed will plant 100 feet of row, and three pounds are required to plant an acre. **Market gardeners and onion growers who use large quantities of onion seed will please write for gardeners' prices.**

**Australian Brown.**—This onion has claimed a place in America within recent years and seems abundantly able to maintain it. It is of medium size and of good quality; very early; rather flattened in shape; of brown color, and wonderfully hard and mild. It begins to form a bulb at an early period of its growth, when only a few inches high and quickly reaches maturity. Its leading and most valuable quality is its long keeping quality. Properly handled it will keep for months. (Pkt. 5c) (oz. 25c.) (¼ lb. 15c) (lb. \$2.50).

**Crystal White Wax.**—Teneriffe grown. A large white onion of the Bermuda type becoming more popular every year. It is mild and sweet, an excellent keeper and presents a beautiful appearance on the market, being of a waxy white, clean cut and uniform. It produces few seeds, therefore, remains high priced, but regardless of the price a small quantity should be included in each order (Pkt. 5c) (oz. 50c) (¼ lb. \$1.65) (lb. \$5.00.)



**Great Green Bunch Onion.**—Will produce green onions large enough for table use in about seventy-five days. (Pkt. 5c) (oz. 35c) (¼ lb. \$1.20) (lb. \$3.50.)

**White Bermuda.**—Teneriffe grown. We import direct from the noted island of Teneriffe, our seed which is grown by the most reliable seed grower in that celebrated district. This variety is more extensively grown in Arizona than any other and we recommend it and the Crystal Wax in preference to the many varieties usually offered in seed catalogues. For the reason that these few varieties have proven so highly satisfactory we limit our offerings to them and urge that these only be planted. The White Bermuda is a pale straw color, flat and very mild. (Pkt. 5c) (oz. 35c) (¼ lb. \$1.15) (lb. \$3.50).

**Prizetaker.**—A handsome large yellow globe onion, of very fine flavor. It grows to enormous size, many single onions having been raised to weigh five pounds or over. The Prizetaker grows always to a perfect globe shape with a bright straw colored skin. (Pkt. 5c) (oz. 25c) (¼ lb. 85c) (lb. \$2.50.)

**Red Bermuda.**—Teneriffe grown. An early variety resembling the White Bermuda except in color, which is a pale red flesh crisp and mild flavor. (Pkt. 5c) (oz. 35c) (¼ lb. \$1.15) (lb. \$3.50.)

**Silver Skin.**—Planted principally by market gardeners for a bunch onion, but the White Bermuda answers the purpose better because of its mildness. The Silver Skin is of medium size and early. (Pkt. 5c) (oz. 40c) (¼ lb. \$1.35) (lb. \$4.00.)



AUSTRALIAN BROWN

## ONION SETS



### ONION SETS

We are large dealers in Onion Sets. Ask us for quantity prices.

Early Green Onions are obtained much earlier by setting out sets than by sowing seed. Seed, however, should be sown to follow the crop grown from sets. Usually our Sets are ready about September 15th and we can supply them until May.

**WHITE.**—(lb. 35c) (10 lbs. \$3.00) Postpaid.

**YELLOW.**—(lb. 30c) (10 lbs. \$2.50) Postpaid.

### OKRA OR GUMBO

This popular vegetable of the South is not largely grown in Arizona, but it is not because it doesn't thrive under Arizona conditions for we have had numerous fine specimens called to our attention. It requires generous water supply and responds readily to fertilizer and cultivation. Plants may be started in a bed and transplanted to the field, or seed may be sown after February 15, or when danger of frost is over, in drills and plants thinned to one foot apart. One ounce will sow 50 feet of row. It requires about ninety days to grow to marketing size.

**Tall Green.**—Very productive. (Pkt. 5c) (oz. 10c) (¼ lb. 25c) (lb. 75c).

**White Velvet.**—The well-known pickle variety. (Pkt. 5c) (oz. 10c) (¼ lb. 25c) (lb. 75c).

### PARSLEY

Parsley can be readily grown in Arizona by the use of a raised bed for Fall sowing. A light mulch will help to retain moisture, which will greatly aid in germinating the seed as it is slow to start and cannot be covered deeply. Once ounce of seed will produce about 500 plants.

**Moss or Triple Curled.**—Compact growing variety. Excellent for garnishing and flavoring. (Pkt. 5c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50.)

### PARSNIPS

Best sown during cold weather, October to March. Succeeds best in rich moist soil. Sow thickly in drills one foot apart and one-half inch deep. When the plants are two or three inches high thin to about four inches apart and cultivate same as carrots. One ounce of seed will sow about 100 feet of row.

**Hollow Crowned.**—(Pkt. 5c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00.)



HOLLOW CROWN PARSNIP



## PEAS

If Wanted By Mail Add Postage at Zone Rates

In parts of the Arid Southwest peas may be grown throughout the winter. Dry heat is offensive to them; therefore, the winter planting is practiced most successfully in the Salt River valley and similar climates. While not particular as to soil, they respond splendidly to fertilization. Plant early varieties during September to bear before frost and late varieties after October 15th. Plant at the rate of 60 pounds per acre or 1 pound to 80 feet of row.

**American Wonder.**—This is an early wrinkled pea of dwarf habit, the vines generally being about one foot high. It is very stocky, erect and prolific. (Pkt. 5c) (½ lb. 30c) (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

**Extra Early Alaska.**—This fine pea has become a standard extra early market variety, and is the earliest of all blue peas; grows about twenty-four inches tall, is very uniform in maturing the crop, and of excellent quality. (Pkt. 5c) (½ lb. 30c) (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

**Gradus.**—An early wrinkled pea of the finest quality, bearing large pods well filled with the sweetest peas. It produces a **Telephone Pod** as early as the very early sorts, therefore, we are recommending it for a shipper to replace the Tall Telephone. In an experimental plot this Fall we had vines bearing as many as ten large luscious peas in a pod. (Pkt. 5c) (½ lb. 30c) (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

**Yorkshire Hero.**—The ability of this pea to adapt itself to all conditions has made it a most popular variety in the Salt River Valley. It grows bushy, requiring no staking and yields abundantly. Pod is long and well filled with plump peas of delicious flavor. Our seed is selected by us in the field and is of the true acclimated stock. (Pkt. 5c) (½ lb. 30c) (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

### BLUE BANTAM PEAS

The Largest Podded Early Variety

Here we are with a brand new pea for the Arid Southwest, and it's a dandy too. It is conceded the largest, the finest of all early sorts, and the seed we offer is acclimated. The Blue Bantam is of dwarf type, growing only 16 to 18 inches high and requiring no support. The pods are very large and of a dark green color, filled with 8 to 10 large delicious peas. (Pkt. 5c) (½ lb. 30c) (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

**Senator Pea.**—A second early sort bearing abundantly, large well-filled pods of good quality peas. It does not require staking. This variety is rapidly growing in favor among our customers, and our acclimated seed is without question giving results. (Pkt. 5c) (½ lb. 30c) (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

**Edible Pod Sugar Peas.**—This class of peas is not generally known in the Arid Southwest, but the past season we demonstrated that they can be grown successfully. They grow about 18 inches high and produce broad flat pods which are prepared and cooked like string beans. (Pkt. 5c) (½ lb. 30c) (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

**Stratagem.**—A favorite on the Phoenix market. The pods are of a dark green color and remain firm several days after picking. A very strong grower, very prolific, pods of good size and well filled. Vines stand upright, require no stakes. (Pkt. 5c) (½ lb. 30c) (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

**Premium Gem.**—A very fine wrinkled pea with vines about fifteen inches high, pods long and produced in abundance. A very profitable market variety. (Pkt. 5c) (½ lb. 30c) (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

**Telephone.**—A pole variety growing about four feet high. The peas are large and of a pale green color. The pods are very large, containing 8 to 10 peas each. (Pkt. 5c) (½ lb. 30c) (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).

**Nott's Excelsior.**—Although a few days later than the American Wonder, the pods will average fully one-third larger, containing 6 to 8 large peas, so closely packed together that they become flattened. (Pkt. 5c) (½ lb. 30c) (lb. 50c) (5 lbs. \$2.25) (10 lbs. \$4.00).



BLUE BANTAM

BUY THE BEST—WE DO

## PEPPERS CULTURE

Sow in hot beds in November and December, in boxes or cold frames in January and February, and in the field where they are to remain in March. Plants grown in the bed should not be set in the field until the weather is warm and all danger of frost is past. The soil should be highly fertilized and plants should be kept well watered at all times.

Plant in rows 30 inches apart and 18 inches apart in the row. One ounce of seed will produce 1000 plants.

**Anaheim Chili.**—A slender pod about seven inches in length, desired for slicing, because of its freshness and slight pungency. It has no insect enemies and when dried the pods are not perishable, therefore, it is a safe crop to plant and often proves very profitable. The estimated yield of dry peppers is one ton to the acre. (Pkt. 10c) (oz. 60c) (¼ lb. \$2.00) (lb. \$6.00).

**Chinese Giant.**—A large pepper of the Bull Nose type, often growing to four and five inches in diameter. The color, when fully ripe, is a brilliant glossy scarlet. We are constantly improving our strain of seed. (Pkt. 10c) (oz. 80c) (¼ lb. \$2.65) (lb. \$8.00).

**Large Bell or Bull Nose.**—An early variety and of mild sweet flavor; the skin is quite fleshy, and of medium size. This is a very popular Pepper. (Pkt. 10c). (oz. 60c) (¼ lb. \$2.00) (lb. \$6.00).

**Mexican Chili.**—Red hot, green or ripe, just the thing for drying and flavoring Spanish dishes. It is a medium size, pear shaped pepper and turns a bluish black when dried. (Pkt. 10c) (oz. 40c) (¼ lb. \$1.25) (lb. \$6.00).

**Pimiento.**—A sweet pepper, excellent for canning or salads. Every home garden should have a row of Pimiento. Stuffed and baked it is far superior to all other peppers. (Pkt. 10c) (oz. 60c) (¼ lb. \$2.00)

ANAHEIM CHILI

## PUMPKINS CULTURE

Plant in March, July and August, seven to ten seeds in a hill and hills eight feet apart each way. Planted with corn they do well and yield an abundance of good hog and cow feed. One pound of seed will plant about 400 hills. 4 to 5 pounds to the acre. Heavy fertilization will produce wonderful results.



SMALL SUGAR

**Small Sugar.**—This is the pumpkin from which the celebrated Yankee Pumpkin Pie is made. About ten inches in diameter is its average size. Skin is deep orange yellow with fine grained flesh; handsome and an excellent keeper. (Pkt. 5c) (oz. 15c) (¼ lb. 40c) (lb. \$1.25).

**Large Cheese.**—A very productive Pumpkin, shape flat, skin mottled, light green and yellow changing to a rich crimson color. Flesh yellow thick and tender. The Large Cheese will yield as many tons per acre as most other larger varieties and it is a much better market type than the ordinary field varieties, therefore, we recommend it for a general purpose pumpkin. (Pkt. 5c) (oz. 15c) (½ lb. 35c) (lb. \$1.00).

**Mammoth Tours.**—Immense size, often weighing 100 pounds, oblong, skin green; good exhibition sort, or for stock feeding. (Pkt. 5c) (oz. 20c) (¼ lb. 65c) (lb. 2.00).

**Japanese Pie.**—A very valuable pumpkin of Japanese origin. The flesh is thick, of a rich salmon color, fine grained, dry and sweet. Very productive and highly desirable for pies or cooking. (Pkt. 5c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50).

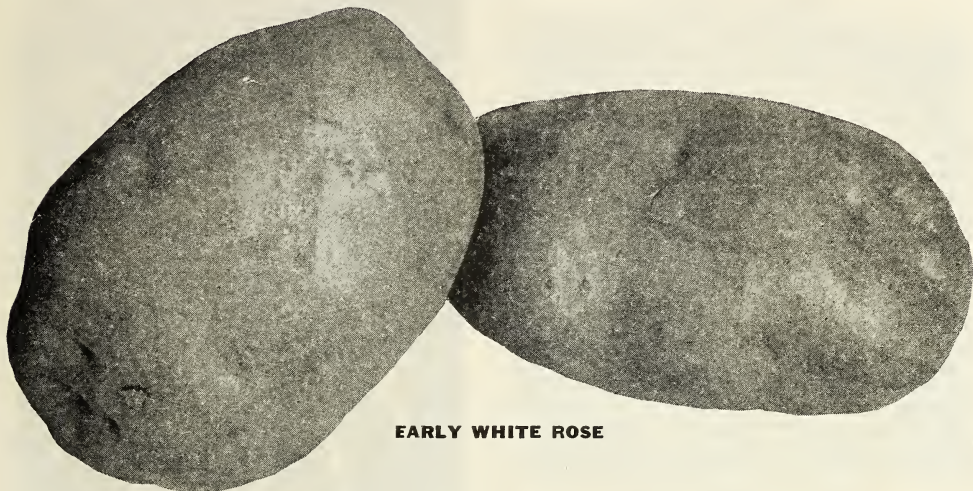
**Kentucky Field.**—Large, round, flattened, hardy and productive. One to two feet in diameter. It has thick flesh of extra fine quality and is a splendid sort for family and market use as well as for stock feed. (Pkt. 5c) (oz. 15c) (¼ lb. 35c) (lb. \$1.00).

**Improved Cushaw.**—This is a very fine large, smooth Pumpkin having a small seed cavity and fine grained flesh. It is excellent for pies and yields enormously. (Pkt. 5c) (oz. 20c) (½ lb. 60c) (lb. \$1.85).

**Connecticut Field.**—The world famous corn field pumpkin grown principally for stock feed. The vines are of strong vigorous growth and heavy bearers. Under favorable conditions the Connecticut Field will yield about 15 tons per acre. (Pkt. 5c) (oz. 15c) (¼ lb. 50c) (lb. \$1.50).



# POTATOES



**EARLY WHITE ROSE**

## POTATOES

**Write for Quantity Prices**

**Plant Six Hundred Pounds to the Acre.**

Potato planting in Arizona begins in the Southern Valleys by February first and gradually works north until May first. Prepare the ground by deep plowing and thorough pulverizing. A sandy loam, reasonably rich in organic matter is considered the best soil for potatoes. However, any soil that is light and easily worked and contains a good supply of plant food will grow them successfully. It is not advisable to apply fresh manure just before planting for it may cause the tuber to become diseased; furthermore it contains too large a supply of nitrogen, and may cause a rank growth of foliage at the expense of the tuber.

**Early White Rose.**—This Potato stands out conspicuously among all other varieties as an all-round uniformly good yielder in any kind of soil. It is of medium size, smooth and fine textured. Having been produced successfully here for the past four years, we believe it is worthy of recommendation. **10 lbs. \$1.00 post paid, 100 lbs. \$7.50.**

We have 150 bags of *extra quality* White Rose this year. They are grown from certified seed and they are as near perfect as you see potatoes. While they last—Extra Quality, **15c per lb. for 25 lbs. or less. \$10.00 per 100 lbs., f. o. b. Phoenix.**

**Peerless.**—A most excellent early variety having the characteristic of producing few if any, small potatoes, all the tubers being of market size. The Peerless has proven to be one of the best varieties for general conditions throughout the State, doing equally well in the Southern valleys and the higher altitudes. The yield is very large and the tubers are handsome in appearance being, oval and round. The flesh is pure white with a clean, smooth, pure white skin. **10 lbs. \$1.00 post paid, 100 lbs. \$7.50.**

As a precaution against Scab, Black Leg and Rhizoctonia, three common potato diseases, potatoes should be disinfected before planting. Failure to do this may result in your land becoming infected, which would thereafter render it unfit for potatoes and perhaps other root crops.

**Potatoes are F. O. B., Phoenix. If small quantities are wanted by mail, please include postage.**

**When ordering remit to us at these prices, and we will fill your order at the market price prevailing the day it is received.**

**SPECIAL NOTICE.**—It frequently happens that we cannot supply the varieties of Potatoes listed here. Sometimes we are sold out when your order is received, therefore, when ordering, please name a second choice or state that substitution will be satisfactory.

**Early Triumph.**—A pink skinned variety of extraordinary quality. It is not a big yielder, but it is the earliest Potato we know of. The Potatoes produced are of good size and of excellent quality. Under desert conditions, where moisture is not plentiful and a quick crop is necessary, the Triumph is very satisfactory. **10 lbs. \$1.00 post paid, 100 lbs. \$7.50.**

**Arizona Red.**—A red Potato produced in the Northern part of Arizona under most ideal seed potato conditions. It is similar to the Triumph, but is not quite so early and produces heavier. They are round to oval in form and the quality is good. This variety is suited to high or low altitudes and is not particular as to soil. **10 lbs. \$1.00 post paid, 100 lbs. \$7.50.**

**Irish Cobbler.**—A very fine first early Potato of uniform size and good quality. Form oval and round with a clean white skin and shallow eyes. Its strong growth, earliness, uniformity, large yield, fine quality and handsome appearance have made it a popular variety in all sections. **10 lbs. \$1.00 post paid, 100 lbs. \$7.50.**

**BUY THE BEST—WE DO**



# RADISH

## RADISHES

Radishes may be sown any month in the year in any good garden soil. One ounce of seed will sow about 100 feet of drill, or a bed of 40 square feet.

By planting a small turnip variety and a long one at the same time a continuation may be had with fewer plantings. Sow in drills ten inches apart. An ounce of seed will plant 100 feet of drill, ten pounds to the acre.

**Early Scarlet Globe.**—Similar to the Scarlet Turnip, except that it is larger. (Pkt. 5c) (oz. 15c) (¼ lb. 50c) (lb. \$1.50.)

**Early Scarlet Turnip.**—One of the earliest and best sorts for forcing; its color is very handsome; flavor very mild, crisp and juicy; stands a great amount of heat without becoming pithy. (Pkt. 5c) (oz. 15c) (¼ lb. 50c) (lb. \$1.50.)

**Early Long Scarlet.**—Very brittle and crisp; color a bright scarlet; small top. (Pkt. 5c) (oz. 15c) (¼ lb. 50c) (lb. \$1.50.)

**China Rose.**—A delicious radish, crisp, with little tendency to become pithy. A beautiful coloring from light red at the top to almost pure white at the tip. It is a good seller and is in great demand by the vegetable peddlers. (Pkt. 5c) (oz. 15c) (¼ lb. 50c) (lb. \$1.50.)

**California Mammoth.**—Pure white; the flesh is tender, sweet and crisp, keeps well. Plant from September 1st to January. (Pkt. 5c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00.)

**Mixed Radish.**—This mixture, consisting of almost every known variety of radish, is deservedly popular throughout the country because it grows radishes suitable to each season and to every condition of soil. You are sure to have them early, medium and late; small, medium and large—something all the time. (Pkt. 5c) (oz. 15c) (¼ lb. 50c) (lb. \$1.50.) Postpaid.



### LONG WHITE ICICLE RADISH

**White Tipped Scarlet Turnip.**—An early variety, of medium size and excellent flavor, and of a very handsome appearance. (Pkt. 5c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00.)

**Long White Icicle.**—For the home garden we consider this a most excellent table variety. Its extreme earliness, beautiful pure white appearance, excellent flavor and crispness should make it a favorite everywhere. (Pkt. 5c) (oz. 20c) (¼ lb. 60c) (lb. \$1.75.)

**Epique Radish.**—Ready for the table within three weeks; always crisp, a delightful relish. The small round red and white radishes make a pretty showing. (Pkt. 5c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00.)

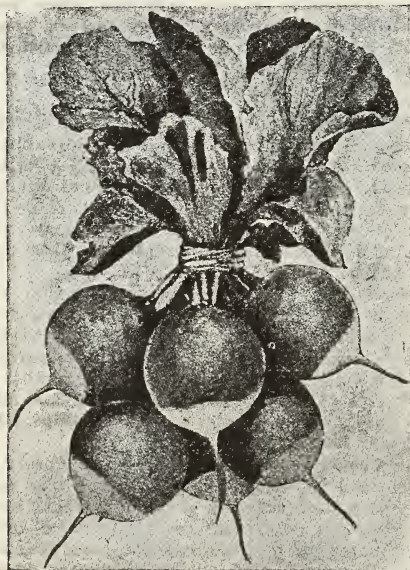
**Crimson Giant.**—A variety combining earliness and great size. It grows much larger than other extra early varieties, but does not become pithy, even when twice as large in diameter and a week older. We recommend it highly. (Pkt. 5c) (oz. 20c) (¼ lb. 60c) (lb. \$1.75.)

**French Breakfast.**—A splendid variety, medium-sized, olive-shaped, very crisp and tender; of a beautiful scarlet color. (Pkt. 5c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00.)

**Chartiers.**—A distinct, exceedingly handsome and attractive sort; color white at the tip. Attains a large size before it becomes unfit for the table. (Pkt. 5c) (oz. 15c) (¼ lb. 50c) (lb. \$1.50.)

**Japanese Winter Radish.**—This was introduced in the same manner as the Japanese Summer Radish, which it resembles except in size. It is more crisp and of better flavor in the winter season. It is pure white, grows about eight inches long and not as tapering as the larger one. (Pkt. 5c) (oz. 25c) (¼ lb. 85c) (lb. \$2.50.)

**Round Black Spanish.**—Skin black, flesh white, of firm texture. (Pkt. 5c) (oz. 15c) (¼ lb. 50c) (lb. \$1.50.)



WHITE TIPPED SCARLET TURNIP



# VEGETABLE SEEDS

## RHUBARB

In the higher altitudes sow the seed any time from March 1st to July 1st, in drills two feet apart. Transplant at any time when the roots are large enough.

**Crimson Winter**—Price (Pkt. 10c) (oz. 80c) ( $\frac{1}{4}$  lb. \$2.65) (1 lb. \$8.00).

## SALSIFY

Sow the seed in February and March in drills one foot apart and one inch deep, thinning out plants to four inches. One ounce of seed will plant fifty feet of drill.

**Mammoth Sandwich Island**.—A large and superior variety, mild and delicately flavored. (Pkt. 5c) (oz. 30c) ( $\frac{1}{4}$  lb. \$90c) (lb. \$2.75).

## SQUASH

The squash is very tender; it is destroyed by frost, and the seed is apt to fail in cold ground, therefore, it should not be planted until all danger of frost is past. Plant in hills five feet apart for bush varieties, and six to eight feet apart for vining varieties putting six to eight seeds in a hill. When plants are strong thin to three in a hill. Of the bush varieties one ounce will plant forty hills, and of the larger seeded sorts about fifteen hills. Two to three pounds to the acre.

**Golden Hubbard**.—Similar to the Green Hubbard except in color, which is a deep orange. Flesh deep golden yellow, fine grained, cooks dry and is of excellent flavor. (Pkt. 5c) (oz. 20c) ( $\frac{1}{4}$  lb. 65c) (lb. \$2.00).

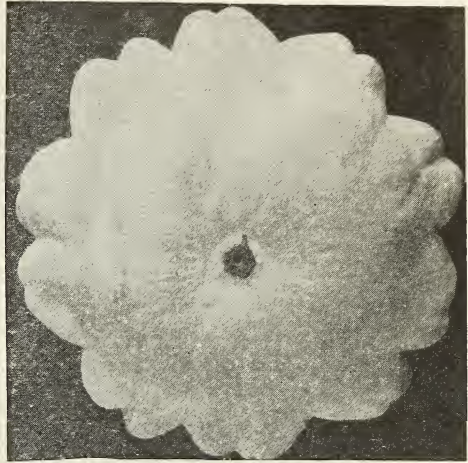
**Fordhook**.—One of the best late Summer varieties. Will keep well for months if stored in a cool dry place. Thick skin of a bright yellow color; heavy meat that can be used at any stage of growth; fruits oblong in form, eight to ten inches in length, slightly ridged. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50).



**SQUASH—SUMMER CROOKNECK**

**Mammoth Summer Crookneck**.—A small, crook-necked summer squash; skin bright yellow, covered with warty excrescences. Very early, productive and of excellent flavor. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50).

**Early White Bush Scalloped**.—The most popular squash because of its earliness and productiveness; skin and flesh a light cream color. A general favorite. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50).



## WHITE BUSH SQUASH

**Mammoth White Bush**.—Similar to the Early White Bush except that it is considerably larger. (Pkt. 5c) (oz. 20c) ( $\frac{1}{4}$  lb. 50c) (lb. \$2.00).

**Improved Hubbard**.—Best Winter variety, vigorous, productive. Fruit large, weighty, moderately warted, hardshell; color dark bronze green. A fine grained, thick, dry, richly flavored, orange yellow flesh. Baked it is similar to and as luscious as a sweet potato. (Pkt. 5c) (oz. 20c) ( $\frac{1}{4}$  lb. 65c) (lb. \$2.00).

**Mammoth Chili**.—Grows to immense size, often weighing over 200 lbs., very productive. (Pkt. 5c) (oz. 20c) ( $\frac{1}{4}$  lb. 50c) (lb. \$2.00).

**Pikes Peak**.—An old variety that deserves all the good things that are said about it. It is preferred to any other by those who know it. Good keeper and excellent for pies. (Pkt. 5c) (oz. 20c) ( $\frac{1}{4}$  lb. 50c) (lb. \$1.50).

## SPINACH

Should be planted in drills twelve to eighteen inches apart, and for a succession every two weeks; as it grows, thin out or use, keeping clean of weeds. Sow from September 1st to April; one ounce of seed to 100 feet of drill, twenty pounds to the acre.

**Prickly Seeded Winter**.—A splendid Fall or Winter variety, thriving in the coldest weather. It is the leading sort for market gardeners in the Salt River Valley. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 35c) (lb. \$1.00).

**New Zealand**.—For greens in the summer and Autumn this variety is making a fine record in the Salt River Valley. We have several reports of its having grown through the entire Summer maintaining a rich green color until the top growth is killed by frost. Roots allowed to stand until Spring will give new growth. (Pkt. 5c) (oz. 25c) ( $\frac{1}{4}$  lb. \$85c) (lb. \$2.50).

**Bloomsdale**.—A valuable variety which is being more extensively grown each year. Upright in growth producing a cluster of large thick leaves. Several crates were shipped East with lettuce the past season, and it brought top-notch prices. We recommend it highly. (Pkt. 5c) (oz. 10c) ( $\frac{1}{4}$  lb. 25c) (lb. \$75c).



# TOMATOES



PHOENIX SPECIAL

## PHOENIX SPECIAL TOMATO

This grand Tomato was introduced into the Salt River Valley five years ago, and has constantly grown in popularity until it is today one of the tried and true varieties found in most every Market Garden. The color is a bright purple scarlet, almost globular in shape, slightly flattened at stem and blossom ends. It is very productive and quite early, producing large fruits which are protected from the sun by ample foliage, thus eliminating the loss of so many fruits from sun scalding. (Pkt. 10c) (oz. 60c) ( $\frac{1}{4}$  lb. \$2.00) (lb. \$6.00).

### TOMATO CULTURE

For very early fruit, the seed should be sown in a hot bed about January 1st in the Southern valleys and about March 1st in the higher altitudes. Drill in rows five inches apart and one-half inch deep. Sufficient plants for a small garden may be started by sowing a few seeds in a small box and protecting it from frost. When the young plants are large enough they should be transplanted to other beds or boxes and exposed to the air to harden them as much as possible for planting in the open.

**Chalks Early Jewel.**—A bright scarlet tomato, thick flesh, solid, of medium size, and very fine flavor. One of the best cropping medium early varieties. (Pkt. 5c) (oz. 40c) ( $\frac{1}{4}$  lb. \$1.35) (lb. \$4.00).

**Earliana.**—A very popular extra early red, of compact growth. Yields well and the fruit is solid and of fine quality. (Pkt. 5c) (oz. 50c) ( $\frac{1}{4}$  lb. \$1.65) (lb. \$5.00)

**Dwarf Stone.**—The fruits are larger than those of the Dwarf Champion, and nearly as large as the original Stone. It is very prolific, smooth, and ripens evenly. The color is bright red. On account of its erect habit of growth plants may be set as close as 18x24 inches. (Pkt. 5c) (oz. 40c) ( $\frac{1}{4}$  lb. \$1.35) (lb. \$4.00).

**Dwarf Champion.**—Commonly called the Tree Tomato. Quite early, fruits medium large; color purplish pink and always round and smooth. (Pkt. 5c) (oz. 40c) ( $\frac{1}{4}$  lb. \$1.35) (lb. \$4.00).



# TOMATOES

## ROYAL RED A SOLID RED TOMATO

At last we have succeeded in perfecting a Solid Red Tomato that will produce a heavy yield under Arizona climatic conditions. This Tomato is a second early, has heavy foliage to protect the fruit from the hot sun and produces very large, smooth Tomatoes. It will yield equally as well as our Phoenix Special and is of the same quality, except that it is pure red, which makes it an all purpose Tomato, home, market, cannery, etc. (Pkt. 10c) ( $\frac{1}{4}$  lb. \$2.00) (lb. \$6.00)

**Livingston's Beauty.**—A large purple scarlet tomato, producing fruits in clusters of 4 to 6, is large, of perfect shape and retains its size until late in the season. It ripens early, has firm flesh, of excellent quality, and the seed cells are very small. For shipping it may be picked quite green; will ripen up nicely, and keep in perfect condition for a week after becoming fully ripe. (Pkt. 5c) (oz. 50c) ( $\frac{1}{4}$  lb. \$1.65) (lb. \$5.00).

**Stone.**—The largest, bright red, perfectly smooth, highest yielding, best keeping, finest flavor, main crop variety. Growers everywhere recognize the merit of the Stone. It is now twenty-five years since it was introduced and it is still growing in favor. Skin is bright, scarlet, perfectly smooth and tough enough to stand shipment. (Pkt 5c) (oz. 50c) ( $\frac{1}{4}$  lb. \$1.65) (lb. \$5.00).

**Select Acme.**—One of the best early purple fruit-

ed tomatoes. It is a very prolific sort. Fruits are produced in clusters of four to five; are of medium size and free from cracks. They are solid, and will stand long distance shipping. The quality is fine. (Pkt. 5c) (oz. 45c) ( $\frac{1}{4}$  lb. \$1.55) (1 lb. \$4.50).

### SMALL FRUITED TOMATOES

#### Excellent for Preserves

**Husk Tomato.**—Plants of low spreading growth and immensely productive. The small fruits are each enclosed in a husk. They are highly esteemed for preserves or pies. (Pkt. 5c) (oz. 60c.)

**Red Cherry.**—Small fruits of bright scarlet, borne in clusters. They are very productive and of fine quality. (Pkt. 5c) (oz. 60c.)

**Yellow Pear.**—This is a leading favorite for preserves. The fruit is bright yellow and pear-shaped. The flavor is rich and distinct. (Pkt. 5c) (oz. 60c.)

# TURNIPS

### CULTURE

Sow from September 1st to March 1st, broadcast if in loose loamy soil, otherwise in drills ten inches apart and cultivate. One ounce of seed will plant 75 feet of row, or three pounds will broadcast an acre.

**Rutabaga, Purple Top, Yellow.**—The best variety of Rutabaga in cultivation; hardy and productive; flesh yellow and well flavored; shape slightly oblong; color deep purple above and bright yellow under the ground. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 40c) (lb. \$1.25).

**Purple Top White Globe.**—This is one of the handsomest and most salable turnips. Very desirable for either home or market gardens. It is large, globular shaped; flesh pure white; crisp and tender. On account of its shape it will outyield any other sort and is always a sure cropper. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 40c) (lb. \$1.25).

**White Egg.**—Of very rapid growth; solid, firm, fine grained flesh of sweet mild flavor. It grows to a good size and is excellent, early or late. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 40c) (lb. \$1.25).

**Early White Flat Dutch.**—A most excellent early garden variety. Medium-sized, flat; color white, very early; sweet and tender. It is desirable for table use when small. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 40c) (lb. \$1.25).

**Golden Ball.**—Rich, sweet yellow flesh; of quick growth and keeps well. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 40c) (lb. \$1.25).

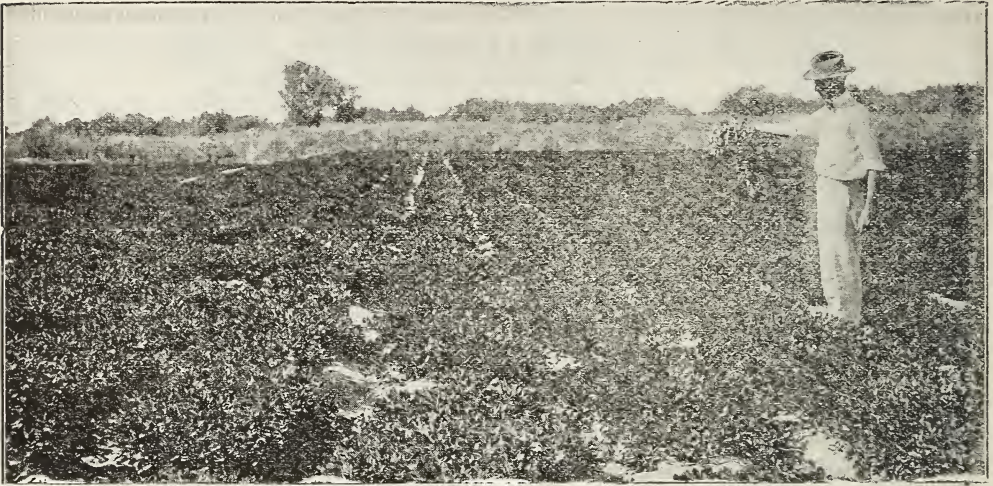


PURPLE TOP GLOBE

**Purple Top Strap Leaved.**—More generally planted than any other variety. It is a quick grower; the flesh is very fine grained and sweet flavored. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 40c) (lb. \$1.25).

**Snowball.**—Medium size, round turnip; pure white, very fine flavor. (Pkt. 5c) (oz. 15c) ( $\frac{1}{4}$  lb. 40c) (lb. \$1.25).

## PEANUTS



PEANUTS IN THE SALT RIVER VALLEY

### A GREAT AMERICAN FOOD

Uncle Sam wants you to plant more peanuts, for they are one of America's best and cheapest foods. One pound of whole peanuts contains nearly one-half pound of fat and one-fourth pound of protein, while one pound of beefsteak yields less than one-third as much and one pound of eggs less than one-fifth that amount. The demand for peanuts as a food is increasing by leaps and bounds and great strides are being made in its culture and consumption. In 1918 over 2 million acres were planted in the United States, the average yield being 34 bushels per acre.

Peanuts require a five to six month's growing season. In southern valleys they should be planted in March or April when danger of frost is over, they will then mature about September. It requires about 10 pounds shelled or 15 pounds of unshelled nuts to plant an acre. Plant about 20 inches apart in the row and the rows 3 feet apart. In irrigated districts plant level and gradually hill to the row. Irrigate about three times per month during hot weather and cultivate after each irrigation.

**Spanish**—The small variety used principally for hog feed and oil (lb. 35c.) (10 lbs. 3.00).

**Virginia Bunch**—The large variety used for roasting and for peanut butter, (lb. 35c.) (10 lbs. \$3.00)

## VEGETABLE PLANTS AND ROOTS

### ASPARAGUS ROOTS

#### WHY NOT HAVE AN ASPARAGUS BED?

The arid Southwest is admirably adapted to the growing of asparagus. Every back-yard garden should have a small bed of it. It is no trouble to grow and it's mighty fine eating in the Spring of the year. Set plants in rows two feet apart and about ten inches apart in the rows, or about 100 plants to 10 x 20. If two year old plants are planted, tips may be cut the second year. Set the plants early in trenches eight or ten inches deep and fertilize well. In the Fall after frost cut the dead tops and mulch heavily. Roots in stock from January 1st to June 1st. Price, 2 year old roots (per doz. 50c) (\$3.50 per 100) postpaid. Write for quantity price.

**Cabbage Plants.**—We have early and late varieties of cabbage plants from September 15th to June 1st. Prices here are postpaid or express prepaid. (Doz. 20c.) (100 \$1.00). Write for quantity prices.

**Cauliflower Plants.**—Our cauliflower plants are grown from our best acclimated seed. We have them from about October 1st to April 15th. (Doz. 25c) (100 \$1.25), postpaid.

**Egg Plant.**—We have these only during the Spring season, about March 15th to June 1st. On receipt of plants they should be put in water and revived before transplanting. (Doz. 25c) (100, \$1.50) postpaid.

**Pepper Plants.**—Chinese Giant, Anaheim Chili, ready about March 1st. (Doz. 25c) (100, \$1.50) postpaid.

**Sweet Potato Plants.**—These are ready usually about April 1st and we have them until June 15th. In ordering more than 100 it is best to have them sent by express. (Doz. 15c) (100, \$1.00) postpaid. Please write for prices on larger quantities.

**Tomato Plants.**—Our stock of tomato plants is grown from our acclimated seed and they are good producers. We have early and late varieties, but recommend our Phoenix Special. (Doz. 20c) (100, \$1.00) postpaid. Write for quantity prices:

**Rhubarb Roots.**—Crimson Winter—A very large growing sort and of excellent quality. Small roots 10c each (\$1.00 per dozen). Two year old roots 20c each (\$2.00 per dozen).



Inoculate Your Alfalfa, Clovers, Cow Peas, Soy Beans  
Vetches and all other legume crops with

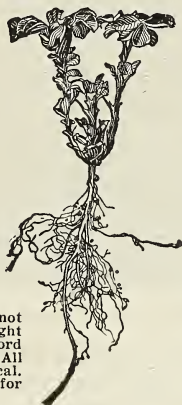
# Mulford Cultures

FOR LEGUMES

Small Cost      Large Returns      Easy to Use      No Labor Expense



Alfalfa plant on left not inoculated. Plant on right inoculated with Mulford Culture for Alfalfa. All other conditions identical. This contrast speaks for itself.



Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil. Enormous numbers of these very valuable and desirable bacteria are thus available to you in every package of Mulford Culture and may readily be applied to your seed. The sealed bottle insures purity.

## INCREASE YOUR CROPS IMPROVE YOUR SOIL

Legumes offer the best known means of maintaining soil fertility and rejuvenating over-cropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, and other non-legume crops.

The U. S. Department of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt "catch" and increase your yield.

Mulford Cultures are scientifically prepared and tested by experts, in the biological laboratories of H. K. Mulford Co., Philadelphia, U. S. A., with the same degree of care as Mulford Antitoxins, Serums, Vaccines, etc., which are standard all over the world.

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

ALFALFA  
CRIMSON CLOVER  
SWEET CLOVER  
WHITE CLOVER  
RED CLOVER  
ALSIKE CLOVER  
Mammoth Clover

BURR CLOVER  
Yellow Clover  
Berseem Clover  
COW PEAS  
SOY BEANS  
Canada Field Peas  
PEANUTS

VETCH  
Horse Beans  
VELVET BEANS  
Perennial Peas  
SWEET PEAS  
GARDEN PEAS  
GARDEN BEANS

LIMA BEANS  
Lupins  
Sainfoin  
Lespedeza  
Begger Weed  
Kudzu  
and others

Those printed in CAPITAL LETTERS can be shipped immediately from stock. The others will be prepared to order and can be supplied in a few days.

### PRICES

Mulford Cultures are supplied for the varieties of legumes listed, at the following price:

5-Acre Size, \$5.00 ("A Dollar per Acre")  
1-Acre Size . . . . . \$1.50  
1/4-Acre Size . . . . . .50  
Small Size (Supplied only in 4 varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas) . . . . .35

Why buy expensive commercial nitrates when you can grow legume crops and thus increase your yield and at the same time increase the nitrates and enrich and renovate your soil, by Nature's own method?

FREE DESCRIPTIVE FOLDER SENT UPON REQUEST

# ALFALFA



**CUTTING CACTUS BRAND HAIRY PERUVIAN IN DECEMBER**

## CACTUS BRAND HAIRY PERUVIAN

**AN ARIZONA PRODUCT. PRODUCING 2 TO 3 TONS MORE HAY PER ACRE.**

**INOCULATE WITH MULFORD CULTURE**

This wonderful alfalfa has been in the experimental stage for 5 to 6 years, and while we have felt that it was superior to other varieties, we have refrained from recommending it until we were sure. After having observed it under various conditions we find it far superior to any other kinds, producing from 2 to 3 tons more per acre per season. Cactus Brand Hairy Peruvian is the hardiest type ever introduced and enjoys the longest growing season. It produces a greater number of leaves than any other variety, thus creating the most highly nutritious hay. It has greater frost resistance; therefore, begins growth earlier in the Spring and grows later in the Fall than common varieties. It recovers quickly after cutting and grows very rapidly. Some

of our Cactus Brand Hairy Peruvian growers pastured their fields all last winter and the new growth was actually conspicuous throughout the winter. We don't like to say too much about this Cactus Brand strain for fear you will think we are giving you a lot of hot air, but we do want you to plant it in preference to other alfalfa. We stand squarely back of it with a feeling that our interests are mutual. It is true, the price is higher than common varieties of seed, but the first season's cutting will more than pay the difference and the coming season's increase will be "velvet." The demand for this seed is so great that it is impossible to supply it. Even tho it was not extensively advertised last year we were out of seed long before the planting season was over. (1 lb. 75c) (10 lbs. \$7.00) (25 lbs. \$16.25) (100 lbs. \$60.00.) These prices subject to stock being unsold on receipt of order. Inoculate.

## CHILIAN ALFALFA

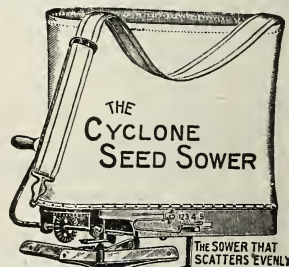
The variety of alfalfa commonly grown in Arizona is the Chilian and our strain of this variety is the very best acclimated seed. Being car lot shippers of alfalfa, we are equipped to supply the best re-cleaned seed at the lowest possible price. Arizona grown alfalfa is now in demand over the entire country, and many car loads are shipped out annually to Colorado, Kansas and the East. It has proven equally good for high or low altitudes and is particularly adapted to conditions in the Arid Southwest. It requires 15 to 20 pounds of seed to plant an acre and the seed bed should be good. Fifteen pounds is plenty if the soil is well pulverized, but if it is only half prepared and full of clods as big as a tea kettle, plant 20 pounds, you will need it. We have Chilian alfalfa in two grades, Fancy and Choice. The Fancy is the best grade of seed obtainable; Choice is the next best grade. Prices fluctuate; therefore we quote subject to change. Should there be a slight difference in the price when your order is received, we will fill accordingly. (Price postpaid, Fancy seed, 1 lb.

60c) (10 lbs. \$5.50) (25 lbs. \$12.50) (100 lbs. \$47.00).

## CYCLONE SEEDER

Thirty to 40 acres of alfalfa, millet, etc., can be sown in a day with this little machine. It broadcasts evenly and can be used with perfect success.

Each, \$2.00. By mail postpaid



**BUY THE BEST—WE DO**



# CORN

## MEXICAN JUNE

### For Ensilage or Mature Corn

Corn is the principal silage crop, and Mexican June is the principal variety used in the long-season sections. It matures in about 120 days and will yield the largest amount of good silage to the acre of any variety. Corn should be cut for silage when the kernels are past the milk stage and begin to show a glaze and when the bottom leaves of the plant are turning brown. If it is frosted before it reaches this stage it should be cut and put in the silo at once. Mexican June will grow 12 to 15 feet high. It requires eight pounds to plant an acre. (1 lb. postpaid, 25c) (10 lbs. \$2.00) (100 lbs. \$15.00) by freight or express.

### HICKORY KING

Our acclimated strain of Hickory King produces abundantly in the Arid Southwest. It is somewhat earlier than Mexican June, maturing in about 110 days. In southern valleys it should be planted from July 1st to the 25th at the rate of ten pounds

per acre. In the Salt River valley it is a favorite for roasting ears, being very tender and sweet. (lb. postpaid 25c) (10 lbs. \$1.50) (100 lbs. \$12.50).

### REID'S YELLOW DENT

This is a splendid yellow dent variety, with eighteen to twenty-four rows of kernels on an ear. The cob is small and the grains are very close together. This is a good corn for the higher altitudes where the growing season is long enough to mature it. It will mature under favorable conditions in about 115 days. You will be pleased with our stock. It is selected in the field, nubbed and tipped and screened heavily. (lb. postpaid 25c) (10 lbs. \$1.75) by express or freight.

### PIMA CORN

A native soft corn planted almost exclusively by the Indians. It produces table corn in about ten weeks and will mature in 90 to 100 days. The ears are long and slender, and usually well filled. (lb. postpaid 25c) (10 lbs. by express or freight \$1.25.) Ask for quantity price.

## MISCELLANEOUS GRAINS

**Wheat.**—Two years ago we began a search for a select strain of Early Bart Wheat, and after securing samples from many sections of the country we finally on recommendation of the Department of Agriculture purchased a quantity of fancy stock in the State of Washington. From this stock we are growing our supply, selecting it each season. We also carry in stock Sonora and Club. Sow 60 to 90 pounds to the acre. Price on application.

**Barley.**—Our Seed Barley is grown under contract for us, and under our personal supervision for seed purposes. For early planting sow 60 pounds to the acre, and for later planting 80 to 100 pounds. Ask for prices.

**Dwarf Essex Rape.**—This crop is very highly recommended as a pasture for sheep and hogs, furnishing fine pasture in six to eight weeks after planting. Rape is best sown in drills at the rate of five pounds to the acre, or it may be sown broadcast eight to ten pounds per acre. (Per lb. 25c) (10 lbs. \$2.00).

**Oats.**—For Hay or for grain Oats is an excellent crop. Oat hay commands a high price at all times. We offer two grades of seed. Local grown for hay purposes and Imported grown for grain. Prices on application.

## SUNFLOWER

Single heads measure 15 to 20 inches in diameter, and contain an immense amount of seed which is highly valued by poultry breeders as a poultry feed. Every year great quantities of this seed are shipped into Arizona and it is with this in mind that we appeal to Arizona Farmers to grow Sunflowers. They grow luxuriantly here and produce a fine grade of seed. Three pounds of seed will plant one acre. (Per lb. 25c) (10 lbs. \$2.00).

**Winter Rye.**—You farmers who have not planted Winter Rye for Winter pasture have overlooked a good bet. It has been demonstrated that earlier pasture and more pasture is obtained from Winter Rye than from Barley or Wheat. It is of special value to dairymen, for it comes early when green feed is needed. Sow 75 pounds per acre. Price on application.

**Golden Millet.**—An excellent catch crop. May be planted as late as September 15th in the Salt River Valley and still produce a good crop of hay. Sow 30 pounds per acre. (Per lb. 15c) (10 lbs. \$1.25).

### Feterita

The earliness of Feterita and its wonderful ability to resist drought commands for it the attention of dry land districts. In its habit of growth it somewhat resembles Kaffir Corn. It grows about 6 feet high and has a dense growth of foliage which is relished by stock. The common practice is to head it and pasture down the stalks, and we have noted in certain fields called to our attention that unlike Milo Maize it is usually eaten down to the ground. The grain of Feterita is similar to that of Milo but is pure white, larger and softer. (Per lb. 15c) (10 lbs. \$1.25) Ask for quantity price. Plant five pounds per acre.

## SWEET CLOVER

**White Blossom.**—Sweet Clover is gradually gaining popularity in the higher altitudes of Arizona where it is recognized as a great soil builder and pasture crop. Since there is no danger of bloating it is possible to pasture all classes of stock on it, which fact makes it very desirable. (lb. 50c) (10 lbs. \$4.00). Plant 15 lbs. to the acre. Inoculate.

**BUY THE BEST—WE DO**

# SWEET SORGHUMS

## FOR SYRUP AND FOR FORAGE

### MAKE YOUR OWN SYRUP

The sweet sorghums are distinguished from the grain sorghums by the fact that the juices are very sweet and sugary and the substance of the stems is very digestible. The juices are used for making syrups and they are also planted for forage. With the shortage of sugar, we recommend planting for syrup, as small syrup mills are operating in various sections.

### HONEY DRIP SORGHUM

This is a variety that is most popular as a syrup cane. It has long, slender, reddish heads and grows to a height of eight to twelve feet, producing a heavy tonnage. It is not particular as to soil. For syrup purposes plant in rows far enough apart to allow cultivation. It requires about ten pounds of seed to the acre planted in this manner, or forty broadcast. Price (per lb. postpaid 30c). Ask for quantity price.

### Texas Seeded Ribbon

Another of the sweet sorghums and one very commonly used for syrup. The seed we have is the crookneck strain. (lb. postpaid 30c. Ask for quantity price.

### Early Amber

The most popular variety for hay and pasture purposes. It furnishes a large yield of most nutritious forage, being very rich in saccharine matter. If intended for hay it should be sown broadcast at the rate of 40 pounds per acre and cut when the seed is in the dough. When grown as a crop for seed, sow in drills 3 feet apart and cultivate. Planted in this manner it requires 5 pounds of seed per acre. (Lb. 20c.) Ask for quantity price.

### Club Cane

This variety is very vigorous and produces a heavy growth of foliage. It stools readily and has proven an excellent variety for hog pasture. Club cane has produced as much as 6 tons of hay per acre. Broadcast 40 pounds per acre. (Lb. postpaid 25c.) Ask for quantity price.

## FIELD PEAS AND BEANS

### Whip-Poor-Will Cow Peas

As a soil renovator and a fertilizer the cow pea is in a class by itself. The heavy cropping of our soils year after year necessitates careful crop rotation to keep the land fertile and in good producing condition, and the whip-poor-will has proven one of the best varieties for this purpose in the Arid Southwest. Makes a heavy vining growth, forming a mat three to five feet deep on the ground. It may be plowed under a green manure crop, pastured, or cut for hay. On extremely heavy soils where humus is decidedly lacking, it is by far better to plow under the entire crop, but even though it is cut for hay or is pastured, the store of nitrogen resulting from the crop will add not less than 20 per cent to the succeeding crop whatever it may be. Cow peas are easily germinated in mid-summer in our southern valleys and this is one reason for their popularity. They should be planted at the rate of 30 pounds to the acre, in rows three feet apart and should by all means be inoculated with a good nitrogen fixing bacteria. We have Mulford Culture for this purpose and will explain its merits fully to those seeking further information. Cow peas (lb. postpaid 25c (10 lbs. \$1.50). Ask for quantity price.

### Soy Beans

Soy Beans are one of the best soil improving crops. They have an upright habit of growth, making them desirable for planting with corn, etc. Experience has taught us that they are more difficult to germinate during the extremely hot season in our southern valleys, but for higher altitudes and cooler climates we recommend them highly. Like Cow Peas, they should not be planted without inoculation. (lb. postpaid 25c) (10 lbs. \$1.75). Write for quantity prices.

### COLORADO STOCK PEAS

#### A Great Winter Cover Crop For Our Southern Valleys

Under climatic conditions similar to the Salt River valley, the Colorado Stock Pea will grow throughout the winter. They make excellent hay and should be cut when just forming pods. While winter Stock Peas have not been grown to any great extent in the southern valleys, they are not an experiment. Various tests have proven that they may be successfully grown, and since they are one of the legumes or nitrogen gathering plants they should be planted extensively. Frequently it is not possible to arrange crops to include a summer legume like Cow Peas and the winter crop will be found a most satisfactory one to turn to. Like Cow Peas and Soy Beans we have the inoculated. Plant 40 pounds to the acre. Price (lb., postpaid 25c) (10 lbs. \$1.75). Write for quantity prices.

### Pink Beans

These are planted extensively throughout various sections of the Southwest for dry beans. They require about 105 days to mature; therefore, should be planted in climates similar to the Salt River valley, about the last week in July. Plant 40 pounds of seed to the acre in rows about 30 to 36 inches apart. The land should be leveled, irrigated and the surface stirred, planting the beans flat, cultivating to them slightly as they appear through the surface and irrigating through the furrow left by cultivation. Inoculate. Price for acclimated hand picked beans. (1 lb., postpaid 25c) (10 lbs. \$2.00). Write for quantity price.

### Black Eyed Peas

The dry peas are used in some sections as food and by many for green beans. They should be planted and cultivated the same as pink beans.



## AVONDALE HEGARI



### GRAIN AND FORAGE COMBINED

#### Our Avondale Hegari is Systematically Grown, Selected and Recleaned for Seed.

In keeping with our usual custom of "watchful waiting" on new and untried crops, we have followed this wonderful grain sorghum through an experimental period of four years, and in offering it this year we do so knowing it to be a profitable and reliable crop for the Arid Southwest. Unlike most other grain sorghums Hegari not only produces a heavy crop of grain, but because of the sweet juicy stalk and foliage it has the added feature of making good pasture or roughage. The heads mature in about 115 days from planting and the stalks remain green much longer, making excellent forage, which all kinds of stock relish and which they will eat to the ground. The average grain yield of Hegari seems to be about 4,000 pounds of threshed grain per acre, and we think with our selected seed and good cultivation that this yield may be materially increased. Hegari grows about five feet high, produces a long, well-filled, white head, resembling white Milo Maize. It should be planted in rows three feet apart at the rate of three pounds of seed to the acre. It is drouth resistant, but will respond wonderfully to cultivation and irrigation.

Our seed is grown from head selected stock and is systematically rogued in the field. The photograph above speaks for itself. Compare it with other fields you saw the past season and judge for yourself whether or not it pays to plant properly selected seed. It will cost you but 36 cents an acre to plant our **Avondale Hegari** and taking yield into consideration, it would be expensive to plant any other.

(Per lb. 15c) (10 lbs. \$1.20) (100 lbs. \$12.00.)

BUY THE BEST—WE DO



## AVONDALE MAIZE



### THE GREATEST GRAIN SORGHUM GROWN

#### A RECORD BREAKER FOR SIX YEARS

#### 1919 Record Crop Nearly Three Tons of Grain from One Acre

Well! Well! What do you think of that? Our competitors are advertising and selling **Avondale Maize** Seed. We glory in their spunk, but fear that their inexperience in seed selection may mean grief for the farmer.

We want to impress upon your minds the fact that we are the originators of **Avondale Maize** and that our seed is systematically selected each year by experts who know how. Under our system of planting and roguing, cross hybridization is impossible, and our strain is improved each year. This year we had the prettiest seed field we have ever had. The photograph above will give you some idea of it. The heads were more uniform, larger and more compact than ever before. In the compactness of the head is where we add 35 percent. to our yield. Please note this in your field next year.

Our sales of **Avondale Maize** the past season were heavier than the previous year in spite of the fact that other popular grain sorghums were planted heavily. **Avondale Maize** is here to stay. It is positively the heaviest yielding grain sorghum and **after all**, grain is what the planter wants.

Each package of our **Avondale Maize** bears the printed label and full instructions for planting. It requires not more than three pounds to plant an acre.

(Per lb. 15c) (10 lbs. \$1.20) (100 lbs. \$12.00.)

**BUY THE BEST—WE DO**



# GRASSES

## SUDAN GRASS

Sudan Grass is relished by all stock, and as a milk producer it has no superior, and we doubt if any equals. Sudan Grass is strictly an annual, dying each year like Millet, and must be seeded again in the Spring. Under irrigation it produces from five to eight tons per acre, and as a pasture it is excellent. It is drought resisting, and with very little rainfall will produce a wonderful crop. It may be planted in cultivated rows at the rate of 6 pounds per acre, in close drills 10 pounds per acre,

or broadcast 25 pounds per acre. It should not be planted until danger of frost is over, and the ground thoroughly warm. Every farmer and stockman should have a few acres of Sudan Grass, and we call your attention to the fact that it is important that you secure pure seed. We offer stock grown under our personal supervision and refer you to the Mesa Experiment Farm, Mesa, Arizona, for information regarding the quality of our seed. (lb. 30c). 10 lbs. \$2.50. Write for quantity prices.



**SUDAN GRASS GROWN AT MESA EXPERIMENT FARM FROM OUR SEED  
PLANTED AUG. 19th—58 DAYS GROWTH**

### Bermuda Grass

May be used for pasture or for lawn in Southern climates. Most everyone is familiar with this grass. It requires three weeks under favorable conditions to germinate Bermuda grass and it should be kept thoroughly soaked during that time. Insufficient water will simply start the seed and kill the tiny roots before the plant can establish itself. Be careful about this. Plant for lawn 1 pound to 500 square feet. (Per lb. postpaid \$1.00) (10 lbs. by express \$7.50).

### Red Top Pasture Grass

Another pasture grass for the higher altitudes. Succeeds on all soils from moist to swampy land, making a permanent pasture, and furnishing a highly nutritious feed. Hulled seed. Sow 15 pounds per acre. (Lb. 30c) (10 lbs. \$2.50).

### Timothy

Much timothy is sown in our higher altitudes throughout the Southwest where it is quite successful. We carry a stock of acclimated seed for this section and would be glad to send samples and quote prices on request. It requires 15 pounds per acre when sown alone. (lb. postpaid, 30c).

### Orchard Grass

A valuable pasture grass for the higher altitudes of Arizona; produces an immense quantity of forage and hay of the best quality. After being cut it comes up quickly and yields heavily. Sow 35 pounds per acre. (Lb. 50c) (10 lbs. \$4.00).

**BUY THE BEST—WE DO**



## RHODES GRASS

A PERENNIAL PASTURE AND HAY GRASS



**Give this grass a trial. We think it has wonderful possibilities**

Several years experiments seem to have demonstrated that **Rhodes Grass** is a success in moderate climates. We learn from Texas growers that it has proven very satisfactory under dry land conditions, having produced three cuttings of one-ton per acre each under very adverse conditions. Rhodes Grass grows to a height of about two feet and will make good hay or pasture. We think it will prove an excellent range grass in Arizona and New Mexico where the temperature does not get lower than ten degrees. It is a perennial, but does not spread by root stocks in the ground, therefore is easily killed by a good plowing and will not become an ever-lasting pest when a field is once seeded.

For broadcasting it requires about five pounds of seed per acre and two to three pounds if drilled in rows two or three feet apart.

(Per lb. \$1.00) (10 lbs. \$7.50) Postpaid.

100 lbs. or more \$65.00 per 100 lbs.

## BROME GRASS

A WONDERFUL DROUTH RESISTANT GRASS

Recent experiments are proving that this Grass is most satisfactory in all localities where arid soils demand a plant that will stand the drought. Its mature is to stool and it seldom produces seed the first year. We think it will prove an excellent permanent pasture grass for general range purposes.

(Per lb. 50c) (10 lbs. \$4.50) Postpaid.

## AUSTRALIAN RYE GRASS FOR LAWNS

This is strictly a lawn grass in the Southern valleys. Planted at the rate of 2 pounds to 10x 10 feet it will, in a few days, produce a velvety green carpet and make a beautiful lawn. It is very easily germinated and should be planted in climates similar to the Salt River valley about September 15th and on throughout the winter. In higher elevations it may be planted when the temperature at night is about 60 or 65 degrees.

(Lb. by mail 30c) (10 lbs. by express \$2.20) (50 to 100 lbs. 20c per lb.)

**BUY THE BEST—WE DO**



# CUT FLOWERS AND FLORAL DESIGNS

FOR ALL OCCASIONS

You will find this branch of our service complete and up to date at all times.



**WREATH**

We are prepared to execute orders for floral designs on short notice and list here floral pieces which will ship conveniently by express. Rush orders should be telephoned or telegraphed in, giving as much time as possible for filling them. In ordering state definitely when they must reach destination.

## FLORAL DESIGNS

**CARNATION SPRAY**—Made of three dozen or more of white or light pink. Carnations, \$2.50 up to any size.

**LOOSE SPRAY ROSES**—Made any color and with chiffon bow. \$5.00 and up.

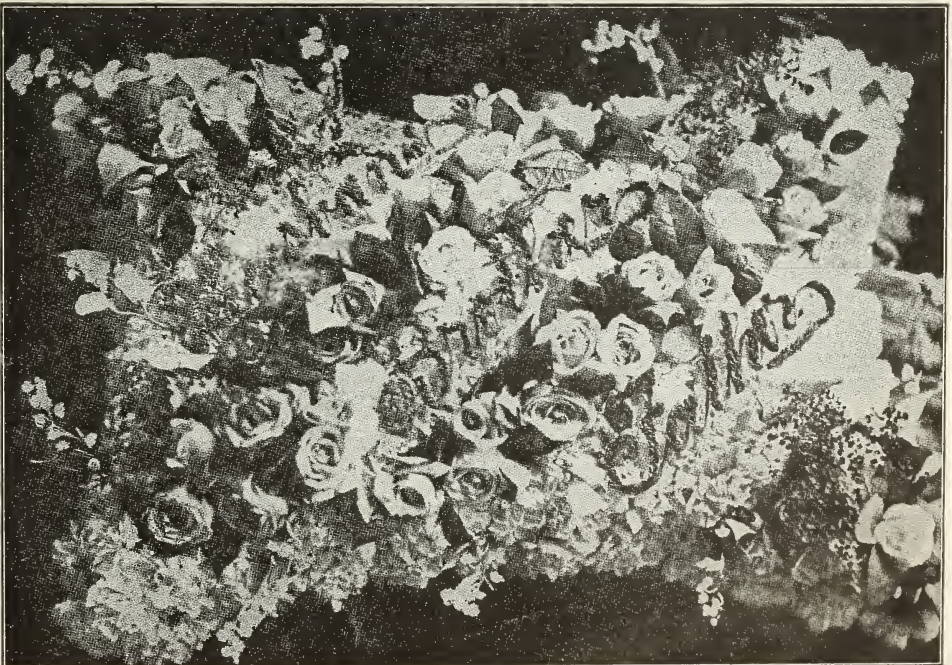
**PILLOW**—A very popular design, generally used as a family tribute. \$7.50 to \$25.00.

**HEART**—Lends itself to artistic arrangement and makes a beautiful floral offering. \$4.00 to \$12.00.

**FLAT CROSS**—One of the best designs in use. \$5.00 and up.

**WREATH**—May be made of roses, carnations, or other seasonable flowers. \$5.00 to \$20.00, according to size.

**MAGNOLIA WREATH**—Made of cured magnolia leaves, with a touch of flowers. These will keep for weeks. Each \$3.50, \$4.00, \$5.00, \$6.00, according to size.

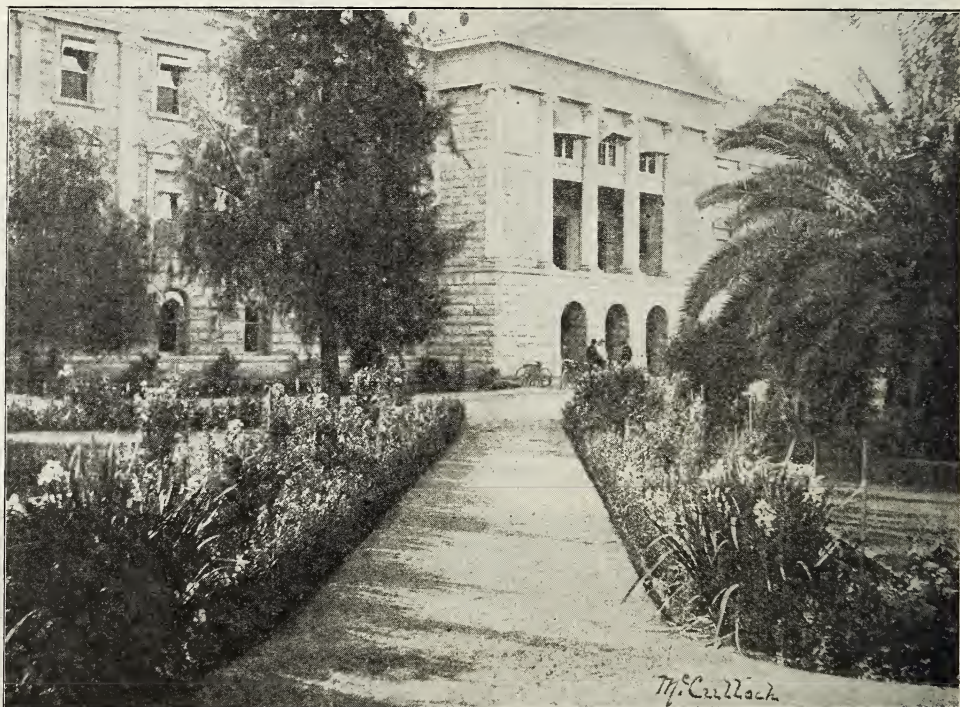


**FLORAL PILLOW**



## FLOWER SEEDS

There are no more satisfactory flowers than those grown from seed, especially the easily grown and brilliant flowered annuals, but they require care and proper soil preparation, for flower seeds are delicate. Soil that will bake and crust should have a liberal mixture of well rotted manure and sand. In adobe soil a few pounds of air slacked lime will assist in forming a better texture. In sowing seeds of hardy annuals plant all medium sized seeds at a depth of  $\frac{1}{4}$  to  $\frac{1}{2}$  inch. Sweet Peas should go deeper. Very fine seeds should be pressed into the soil and a little sand or fine well rotted manure sprinkled over the surface. Water more frequently if the seed is close to the surface, and if necessary protect with cheese cloth until the seed germinates. When up the plants should be thinned from 2 to 12 inches, depending on the variety, otherwise they will be weak and spindling. It is a great mistake to leave plants too thick, give them room to develop, allow plenty of moisture and the display that can be produced from seed will surprise and delight the grower.



**A YEAR ROUND DISPLAY OF ANNUALS AND PERENNIALS AT THE STATE CAPITAL, PHOENIX, ARIZ**  
**PLANTING TABLE FOR FLOWER SEEDS AND BULBS**

### January 1st to February 15th

Plant seeds of Alyssum, Cosmos, Larkspur, Gaillardia and Petunia.

Bulbs of Anemone, Amaryllis, Canna, Calla Lily, Gladiolus, Iris, Lily of the Valley, Tube Roses, Rose Bushes and Ornamentals.

### February 15th to April 1st

Plant seeds of Alyssum, Asters, Australian Pea Vine, Balsam Apple, Balloon Vine, Balsam Scarlet Runner, Castor Beans, Coxcomb, Cobea Scandens, Cosmos, Cypress Vine, Larkspur, Hyacinth Bean, Evening Primrose, Four O'clock, Helichrysum (Everlasting Flower), Japanese Hop, Kochia Tricophylla, Lobelia, Lupins, Morning Glory, Moon Flower, Marigold, Nasturtium, Petunia, Portulaca, Rudebeckia, Salvia and Verbena.

Bulbs and roots of Amaryllis, Cannas, Caladium, Calla Lily, Dahlia, Gladiolus, Tuberose, Madeira

Vine, Golden Glow, Shasta Daisy Clumps, Carnation Plants, Chrysanthemum Plants, Rose Bushes and Ornamentals.

### April 1st to October 1st

Cosmos, Hollyhocks, Vine Seeds, Zinnia and during September Christmas Flowering Sweet Peas.

### October 1st to December 1st

Plant seeds of Alyssum, Snapdragon, African Daisy, Double Daisy, Calendula, Candytuft, Carnation, Centaurea, Clarkia, Coreopsis, Cosmos, Globe Amaranth, Scarlet Flax, Gaillardia, Godetia, Hollyhock, Larkspur, Mignonette, Nasturtium, Nicotiana, Nigella, Pansy, Petunia, Phlox, Poppy, Scabiosa, Stocks, Sweet Peas, Violets and Verbena.

Bulbs of Hyacinth, Tulips, Crocus, Daffodil, Narcissus, Jonquils, Anemones, Freesias, Star of Bethlehem, Iris, Gladiolus, Oxalis, Lily of the Valley, Zephyranthes and Ranunculus.



## FLOWER SEEDS

**Ageratum.**—A hardy annual of easy culture, used for bed or borders. (Pkt. 5c)

**Alyssum Dwarf.**—A fragrant hardy annual, having the odor of honey and bearing spikes of small white flowers in great profusion. (Pkt. 5c) (oz. 50c).

**Amaranthus Caudatus.**—(Love Lies Bleeding). Light yellowish-green, foliage long; drooping crimson flower spikes; grows three to four feet high. (Pkt. 5c).

**Antirrhinum.**—(Snapdragon).—Thrive in most any soil and do beautifully in Southern Arizona. Plant in the open where they are to remain. Mixed colors. (Pkt. 10c).

### ASTERS

Sow Asters in boxes in January and transplant to the open in March and April. By thorough cultivation excellent results may be obtained. The tallest grow about two feet high and flowers are produced in a great variety of colors.

**Giant Branching.**—The tallest and best cut flower variety, and we highly recommend them as the very best type of Aster we have. The plant grows about 18 inches high, and the blossoms which are large and full petaled are born on long stems or branches. Since it is not only a good cut flower, but a showy bedding type as well it deserves

a place in every garden. We have it in the following colors, CRIMSON, LAVENDER, PINK, WHITE and MIXED COLORS. (Pkt. 10c).

**Australian Pea Vine.**—(Dolichos Lignosus).—A rapid growing evergreen, climbing perennial; flowering freely in large clusters of rose flowers. For covering arbors, etc., they are excellent (Pkt. 10c).

**Bachelor's Button.**—See Centaurea. (Pkt. 5c.)

**Balloon Vine.**—A climbing annual. The seed pods are curiously puffed, making the vine quite attractive. (Pkt. 5c).

**Balsam.**—(Lady's Slipper).—A tender annual growing about twelve inches high. Flowers are both single and double in bright colors and variations. (Pkt. 5c).

**Balsam Apple.**—(Momordica).—A climbing annual with graceful and ornamental foliage; yellow flowers and warted golden yellow fruits. (Pkt. 5c).

**Bean Scarlet Runner.**—A popular climber. Flowers scarlet. (Pkt. 5c) (oz. 10c).

**Calendula.**—(Pot Marigold).—A very hardy annual growing about one foot high. Plantings may be made from September 15 to April. Flowers very early and is attractive as a border plant.

**Prince of Orange.**—A deep orange. (Pkt. 5c) (oz. 40c.)

**Meteor.**—Large yellow. (Pkt. 5c) (oz. 40c).

**California Poppy.**—(Eschscholtzia).—A hardy annual, growing from one to 1½ feet high; sowing the seed in the Fall it blooms beautifully during the Spring. Pure yellow and mixed. (Pkt. 5c) (oz. 50c.)

**Canary Bird Flower.**—A tender climbing annual of the Nasturtium family. Blossoms have curiously winged petals and are a light yellow. (Pkt. 5c).

**Canna.**—Mixture of the popular varieties, red and yellow flowers. (Pkt. 5c).

**Cardinal Climber.**—A new climber of great merit, bearing a great mass of small crimson flowers. It grows to a height of 15 or 20 feet. (Pkt. 15c.)

**Castor Beans.**—Large leaved varieties for shade; very ornamental. (Pkt. 5c) (oz. 10c).

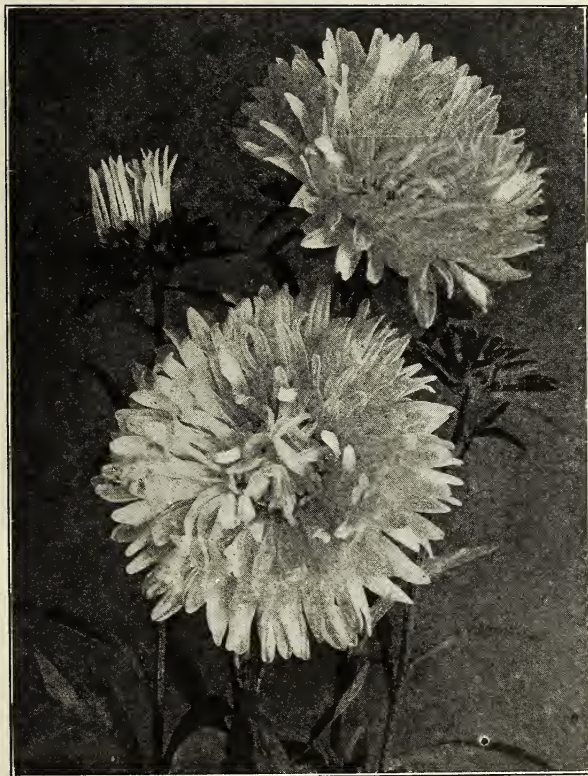
**Candytuft.**—A hardy annual growing from six to eight inches high, according to the variety; of easy culture and valuable for bedding or massing

**Pure White.**—(Pkt 5c). **Pink** (Pkt. 5c). **Mixed Colors** (Pkt. 5c).

**Canterbury Bells.**—A hardy perennial, blooming the second year from seed, or the first year if sown early. Grows about three feet high. Mixed colors. (Pkt. 5c).

**Carnation.**—Cover the seed lightly and protect from the sun until established, then transplant twelve to eighteen inches apart, where they are to remain. Pure white. (Pkt. 10c).

**Mixed Colors.**—(Pkt. 10c).



GIANT BRANCHING ASTER

## FLOWER SEEDS

**Centaurea Cyanus.**—(Bachelors Button or Corn Flower).—Sow anywhere.—**Mixed Colors (Pkt. 5c.)**

**Centaurea Moschata.**—(Sweet Sultan).—A magnificent large flowered type, exquisitely fringed and delightfully scented. Fine for cut flowers. **Mixed colors. (Pkt. 5c.)**

**Celosia.**—(Cockscomb).—Very ornamental and strong plants. They succeed well in the garden. Dwarf Mixed. **(Pkt. 5c.)**

**Feathered Cockscomb.**—**(Pkt. 5c.)**

**Chrysanthemum.**—Single and double mixed. **(Pkt. 5c.)**

**Clarkia.**—A hardy annual of easy culture growing about eighteen inches high and bearing bright rose, white and purple flowers in great profusion; single and double mixed. **(Pkt. 5c.)**

**Cobea Scandens.**—A climber of rapid growth, beautiful fine foliage and a rich purple flower borne on long stems. **(Pkt. 10c.)**

**Coreopsis.**—Grows luxuriantly in any situation, affording a constant supply of richly marked flowers for cutting. **(Pkt. 5c.)**

**Cosmos.**—A tender annual with fine cut, feathery foliage and large showy blossoms. The late flowering or giant types grow five to six feet high. Cosmos should be planted more extensively than it is. It is a handsome cut flower, a good bedder and easily grown. We have the **Crimson, Pink, and Mixed colors. (Pkt. 5c) (oz. 75c.)**

**Cypress Vine.**—(Ipomea Quamoclit).—A tender climbing annual with soft fern-like foliage and small star-like flowers; mixed. **(Pkt. 5c.)**

**Dahlia.**—Sow seed in beds and transplant. We also carry the tubers (see page 29), double mixed. **(Pkt. 10c.)**



**DOUBLE DAISY**

**Double Daisy.**—(Bellis Perennis).—A hardy perennial blooming freely during the early Spring and well into the Summer; white and mixed colors. **(Pkt. 10c) (1-8 oz. \$1.00).**

**Dianthus.**—(Pinks).—Hardy annuals, about one foot high and bearing beautifully colored single and double flowers in profusion; Japan mixed. **(Pkt. 5c.)**



**SHASTA DAISY**

**Daisy, Shasta.**—A fine perennial plant bearing large white single blossoms with yellow centers. Soak seed in warm water over night before sowing. **(Pkt. 10c.)**

**Digitalis.**—(Fox Glove).—Does well in the Northern part of the State, but is difficult to handle in the Southern Valleys. The cell shaped flowers are borne on long stems and come in a great variety of colors; **mixed. (Pkt. 5c.)**



**AFRICAN DAISY**

**Dimorphotheca Aurantiaca.**—(African Daisy).—A rare and extremely showy annual from South Africa, which is becoming a great favorite here on account of its easy culture and long blooming season. Its Marguerite-like blossoms are two and one-half to two and three-fourths inches in diameter, of a rich orange gold. Every Arizona garden should have these. **(Pkt. 10c) (oz. \$1.25).**

**Dolichos.**—(Hyacinth Bean).—Tender climbing annual; purple waxy-like flowers are borne on long stems; sow in the open ground in March. **(Pkt. 5c.)**



# FLOWER SEEDS

**Dusty Miller.**—Broad silvery white foliage. Very pretty as a border or for edging. (Pkt. 10c.)

**Evening Primrose.**—(Oenothera).—An attractive hardy perennial border plant of dwarf compact growth, producing an abundance of bright showy flowers in white, pale yellow, rose, etc.; of very easy culture; fine mixed. (Pkt. 5c.)

**Flax, Scarlet.**—A hardy annual, about one and one-half feet high, of slender and graceful appearance with bright red flowers which are borne in great profusion; very showy. (Pkt. 5c) (oz. 50c.)

**Four O'clock.**—A hardy annual of easy culture, growing about two feet high; plant in March and April. (Pkt. 5c.)

**For-Get-Me-Not.**—(Mysotis).—A hardy perennial growing six to twelve inches high, blooms the first year; sow in February. (Pkt. 10c.)

**Gaillardia.**—Beautiful show plant blooming all through the Summer here. Excellent for beds, borders, or for cutting. (Pkt. 5c.)

**Geranium.**—A half hardy perennial flowering the first year from seed. (Pkt. 10c.)

**Godetia.**—A hardy annual ten inches high, of compact growth, satiny cup shaped flowers in deep red, pink and white; sow in October and it will bloom in the early Spring. Does well in Arizona. (Pkt. 5c.)

**Gourds Mixed.**—Strong climbing vines producing many odd shapes and ornamental gourds. (Pkt. 5c) (oz. 25c.)

**Gypsophila.**—(Baby's Breath).—A hardy annual of easy culture. Grows two to three feet high, and bears a profusion of small star-shaped flowers. Very fine for bouquets. (Pkt. 5c) (oz. 60c.)

**Ice Plant.**—White. (Pkt. 5c.)



**NIGELLA**

**Nigella.**—A hardy annual one foot high, with finely cut foliage; oddly shaped blossoms in blue and white; planted in the Fall it makes a beautiful display in Southern Arizona. (Pkt. 5c.)

**Hollyhock.**—A hardy perennial of upright growth, five to eight feet high; double mixed. (Pkt. 10c.) (oz. \$1.50).

**Humulus, or Japanese Hop.**—A rapid growing, climbing annual with dense foliage. Will grow twenty to thirty feet in a season. (Pkt. 5c) (oz. 50c.)

**Kochia Scopara.**—(Mexican Fire Bush.)—A splendid ornamental annual plant forming dense oval bushes two to two and one-half feet high, of small light green foliage, changing to a fiery red in the Fall. Planted in March it does well here. (Pkt. 5c.)

**Kudzu Vine.**—A new climber of great merit. This is one of the fastest growers we know of, reaching a height of 20 feet in a short time. (Pkt. 15c.)

**Larkspur.**—Beautiful hardy plants with noble spikes of handsome flowers. Plant in October and November. We recommend it for Southern Arizona Giant Hycinth flowered; mixed. (Pkt. 5c) (oz. 40c.)

**Single Mixed.**—(Pkt. 5c) (oz. 75c.)

**Double Dwarf Rocket Mixed.**—(Pkt. 5c) (oz. 75c.)

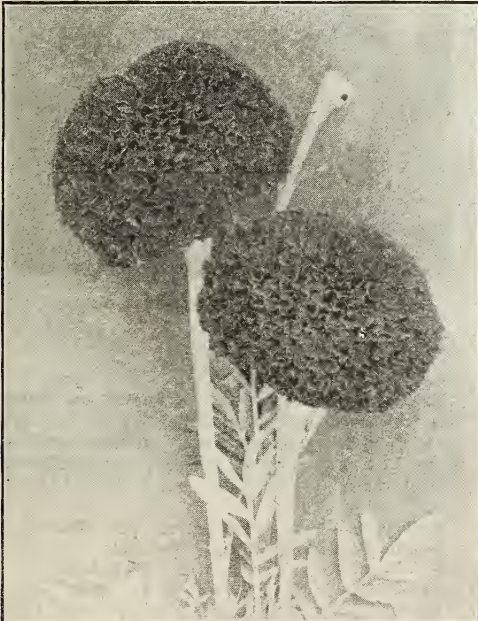
**Lantana.**—Tender perennial growing from two to three feet high bearing verbena-like clusters of flowers; sow seed in boxes in February and protect until after danger of frost is past, when they may be set in the open. (Pkt. 5c.)

**Lobelia.**—Fine for bedding. Plants very compact, profusely covered with rich blue flowers; plant in March. (Pkt. 5c.)

**Marigold.**—A hardy annual in various shades. Planted after danger of frost is past they will bloom here through the entire Summer. (Pkt. 5c.)

**Double Tall African Mixed.**—(Pkt. 5c) (oz. 75c.)

**Dwarf French Mixed.**—(Pkt. 5c) (oz. 50c.)



11111 NAFICOLD



## FLOWER SEEDS

**Mignonette.**—Hardy annual growing six to twelve inches high; sow in the Fall for early blossoms in the Spring. (Pkt. 5c) (oz. 50c).

**Moon Flower.**—This vine does beautifully in any part of Arizona in any position, be it sun or shade, making an enormous growth in a remarkably short time; large white flowers open in the evening; file or in some manner puncture the outer shell of the seed and soak in water twelve hours before planting. Blue or white. (Pkt. 10c).

**Morning Glory.**—The most rapid growing vine for spring planting. Best Mixed. (Pkt. 5c) (oz. 25c)

**Japanese Fringed.**—A large flowering variety with beautifully fringed flowers. (Pkt. 5c) (oz. 35c)

**Nicotiana.**—A half hardy annual growing three feet high, with slender tubular flowers; plant in the Fall. (Pkt. 5c).

**Passion Flower.**—A hardy perennial climber with lovely wax-like flowers. (Pkt. 10c).

**Petunia.**—Sow seed from October to March, scatter thinly on an even surface and barely cover with sand or fine mulch. We recommend the following for Southern Arizona.

**Choice Fringed Mixed.**—(Pkt. 25c).

**Good Mixed.**—(Pkt. 5c).

**Phlox Drumondii.**—A hardy annual suitable for borders, bearing beautiful and brilliantly colored flowers all Spring and well into the Summer. (Pkt. 5c) (oz. \$1.00).

**Portulaca.**—Beautiful dwarf plants, bearing glossy cup-shaped flowers in brilliant colors.

**Single Large Flowering Mixed.**—(Pkt. 5c) (½ oz. 50c).

**Double Large Flowering Mixed.**—(Pkt. 10c) (¼ oz. 50c).



PANSIES

**Beaconsfield.**—Large Purple Violet. Top petals blue. (Pkt. 10c).

**Giant Eros or Gold Margined.**—Velvety brown edged golden yellow. (Pkt. 10c).

**Mahogany Colors Mixed.**—(Pkt. 10c).

**Pure White.**—Giant flowered. (Pkt. 10c).

**Giant Yellow.**—(Pkt. 10c).

**Deep Purple.**—(Pkt. 10c).

**Giant Pansies Mixed.**—(Pkt. 10c).

**Good Mixed.**—(Pkt. 10c) (¼ oz. \$1.00).



DOUBLE FLOWERING POPPY

## POPPIES

The different varieties of poppies are always favorites for outdoor display and the cultivation of them being so extremely simple entitles them to a place in every garden in Arizona. Seed should be sown in the Fall where the plants are intended to flower.

**California.**—Pure yellow and mixed. (Pkt. 5c).

**Double Flowering Mixed.** (Pkt. 5c).

**Shirley Mixed.**—Very showy. (Pkt. 5c).

**Glaucum.**—Tulip Flowered Red. (Pkt. 5c).

**Salpiglossis.**—Highly ornamental, half hardy annual, bearing funnel-shaped flowers in striking colors. (Pkt. 5c).



## SWEET PEAS



**SCABIOSA OR MOURNING BRIDE**

**Scabiosa.**—(Mourning Bride).—Planted here in the Fall, tall bushes are obtained, bearing a mass of lovely flowers in rich colors. (Pkt. 5c).

**Salvia Splendens.**—(Scarlet Sage).—A tender perennial blooming the first season from seed. (Pkt. 10c).

**Sunflower.**—California double, large massive, bright yellow flowers. (Pkt. 5c).

**Sweet Sultan.**—(Centaurea Moschata.) (Pkt. 5c.)

## CHRISTMAS SWEET PEAS

A valuable strain of early flowering Sweet Peas, which from a September and October sowing will give an abundance of bloom from Christmas onward.

**Early Blanche Ferry.**—A pink and white. (Pkt. 10c) (oz. 35c).

**Mrs. Alex Wallace.**—A pinkish lavender. (Pkt. 10c) (oz. 35c).

**Mrs. C. H. Totty.**—Lavender. (Pkt. 10c) (oz. 35c).

**Mrs. F. J. Dolanskey.**—Pink. (Pkt. 10c) (oz. 35c).

**LaMarquise.**—Deep blue. (Pkt. 10c) (oz. 35c).

**Christmas White.**—(Pkt. 10c) (oz. 35c).

## GRANDIFLORAS AND CUPIDS

**Common Grandiflora Sweet Peas.**—Mixed colors only. (Pkt. 5c) (oz. 15c) (¼ lb. 40c).

**Cupid Sweet Peas.**—Height six inches. Mixed. (Pkt. 10c) (oz. 25c).

**Christmas Red.**—(Pkt. 5c) (oz. 35c).

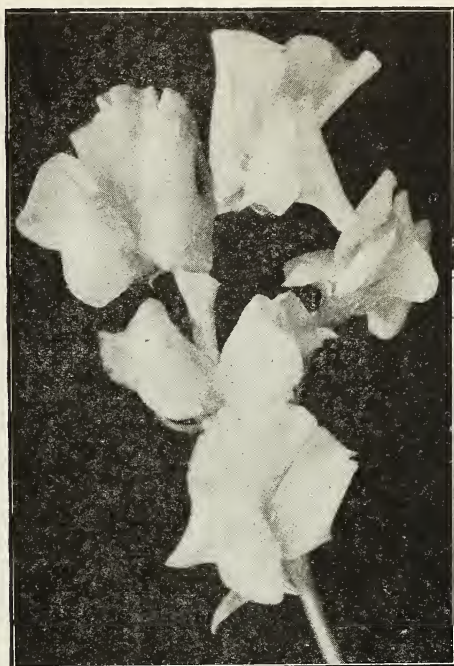
## SPENCER SWEET PEAS

The Spencers are a grand new class of Sweet Peas bearing on long stems, large open flowers of extraordinary size. As many as four flowers are born on a single stem six to ten inches long. Our Sweet Peas are grown by the most noted California growers, every variety being grown from a "Fixed" strain under the individual selection system. They are absolutely the best that can be secured from any source. Ounce 35c unless otherwise noted.

**Apple Blossom.**—Bright rose and primrose pink. (Pkt. 5c) (oz. 35c).

**Asta Ohn.**—A soft pinkish lavender. (Pkt. 10c)

**Blanche Ferry Spencer.**—Bright rose standard, wings white flushed pink. (Pkt. 10c)



**WHITE SPENCER**

**Countess Spencer.**—Pure Pink. (Pkt. 10c).

**Elfrida Pearson.**—Giant blush pink. (Pkt. 10c)

**Dobbies Cream.**—A deep cream with beautifully waved large flowers. (Pkt. 10c) (oz. 40c).

**Florence Morse-Spencer.**—Deep blush pink. (Pkt. 10c).

**Florence Nightengale.**—Bluish Lavender. (Pkt. 10c).

**Helen Lewis.**—Reselected orange pink. (Pkt. 10c).

**Illuminator.**—Bright salmon cerise. (Pkt. 10c) (oz. 40c).

**King Edward Spencer.**—Pure red. (Pkt. 10c)

**Mrs. Routzahn.**—Apricot pink and straw color. (Pkt. 10c) (oz. 40c).

**Othello Spencer.**—Deep maroon. (Pkt. 10c).

**Tenant Spencer.**—Re-selected rosy purple. (Pkt. 5c) (oz. 35c).

**Wedgewood.**—Pure blue. (Pkt. 10c) (oz. 40c).

**White Spencer.**—Pure white. (Pkt. 10c) (oz. 40c).

**Spencer Mixed.**—A splendid mixture of all true Spencer types only. (Pkt. 10c) (oz. 30).

## STOCKS

A very popular plant in Southern Arizona. For brilliancy, fragrance and duration of bloom it is unsurpassed; plant from September to December.

**Giant Beauty of Nice.**—Delicate flesh pink spikes of double flowers. (Pkt. 10c) (1-8 oz. 75c).

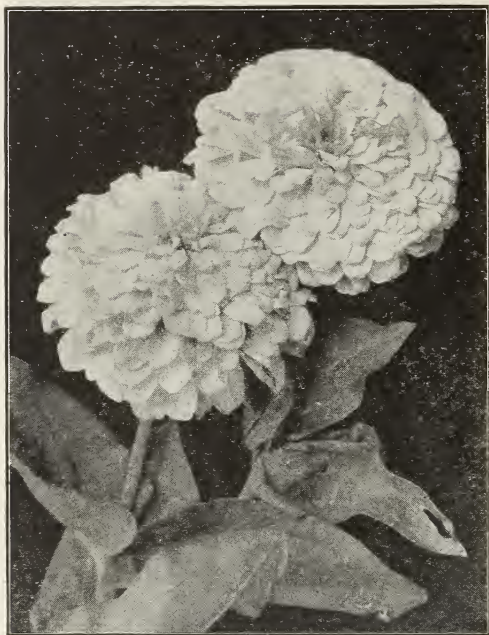
**Giant Crimson King.**—Long spikes of a rich crimson color. (Pkt. 10c) (1-8 oz. 75c).

**White Princess Alice.**—A double variety about two feet high. (Pkt. 10c) (1-8 oz. 75c).

**Giant Mixed.**—A choice selection of many colors. All large flowering varieties. (Pkt. 10c) (1-8 oz. 75c).



## FLOWER SEEDS



**ZINNIA.**—Plant from March to September. They give an array of brilliant colors during the entire summer.

- Mammoth White.** (Pkt. 10c) (oz. \$1.25),
- Mammoth Flesh Color.** (Pkt. 10c) (oz. \$1.25).
- Mammoth Yellow.** Pkt. 10c) (oz. \$1.25).
- Mammoth Mixed.** Pkt. 10c) (oz. \$1.25).
- Dwarf Double Mixed.** (Pkt. 5c; oz. 40c).

### LAWN SEED

There is a great demand for a reliable grass seed. A seed which will produce lawn in the arid Southwest. We recommend Australian Rye Grass. Ten pounds will seed five hundred square feet or a space 20x25. (lb. 25c) (10 lbs. \$2.20) (50 lbs. \$10.00.)

**Kentucky Blue Grass.**—(lb. 60c) (10 lbs. \$5.50.)

**White Clover.**—(lb. 95c) (10 lbs. \$9.00.)

**Bermuda Grass.**—(lb. 75c) (10 lbs. \$6.50.)

### VERBENA

A half hardy trailing perennial of very easy culture. It is well known as a bedding or border plant. Although perennials they will bloom the first season from the seed.

**Defiance.**—The flowers are an intense fiery red, produced in great clusters and is recommended above all others as a bedding variety. (Pkt. 10c) (1-4 oz. 40c).

**Purple Mantel.**—A giant flowering sort bearing clusters of beautiful purple flowers. (Pkt. 10c) (1-4 oz. 40c).

**Mammoth Pink.**—Unexcelled for size and beauty. (Pkt. 10c) (1-4 oz. 40c).

**Mammoth Mixed.**—Embracing all sorts. Unsurpassed for richness of color and profusion of bloom. The very best mixture procurable. (Pkt. 5c) (¼ oz. 30c).

**Violet.**—Single sweet-scented. (Pkt. 10c).

**Wallflower.**—These delightfully fragrant flowers are indispensable for every garden. Plant in October. (Pkt. 5c).

### NASTURTIUMS

**Nasturtiums.**—May be sown in the Fall if near the house with south exposure where they may be protected from the frost, otherwise plant in February and March.

**Tall Mixed.**—(Pkt. 5c) (oz. 20c) (2 oz. 35c).

**Dwarf Mixed.**—(Pkt. 5c) (oz. 20c) (2 oz. 35c).

**Empress of India.**—Deep crimson, dark foliage. (Pkt. 5c) (oz. 25c).



MIXED NASTURTIUM

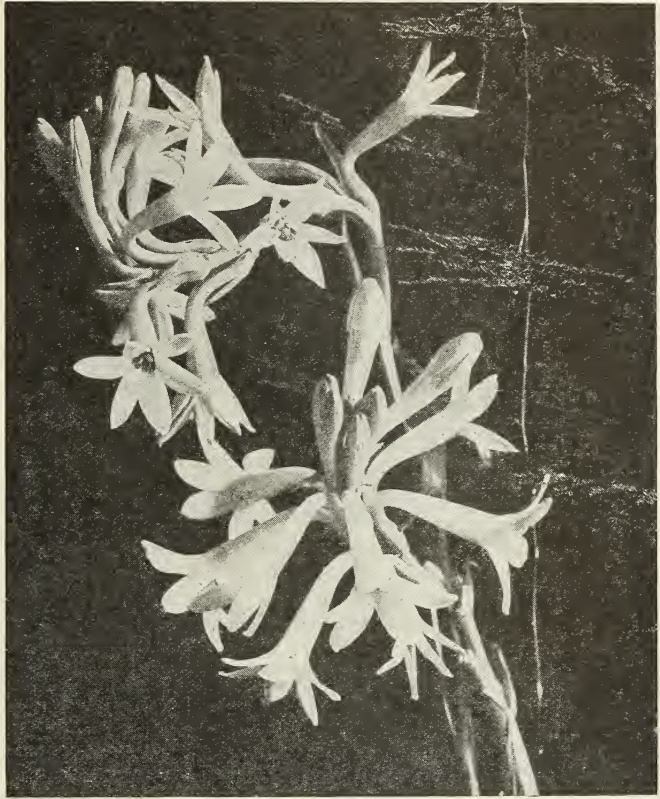
BUY THE BEST—WE DO



# BULBS, PLANTS AND ROOTS

## New Mexican Ever Blooming Tuberose

Originated in Mexico where it is grown to perfection under tropical conditions. They have long stiff stems, pure white single flowers, and are delightfully fragrant. They withstand the hot sun, begin blooming in May, and continue until frost. They may be cut when the first flower opens and they will keep for a week or ten days. Single bulbs planted soon become clusters of bulbs, until they become so thick it is necessary to thin and transplant them. We can supply bulbs from January first to June first, and we earnestly recommend them to our customers for garden display or cut flowers. Each 10 cents, 2 for 15c. Dozen 75 cents.



MEXICAN EVER-BLOOMING TUBEROSE

### NOTICE

The prices on these items are postpaid, unless otherwise noted, and they will be sent as soon as the plants are large enough for shipping; or in case of bulbs, in their proper season.

**Calla Lily.**—Requires rich soil and a shaded location. Large size bulbs. (Each 20c).

**Carnation Plants.**—Rooted cuttings from greenhouse stock in White, Red or Pink. Fine healthy plants. Ready March 1st. From 2 inch pots (15c each) (\$1.50 per Doz).

**Caladium Bulbs.**—Require rich moist soil and a shaded location. Very large bulbs. (Each 30c).

**Chrysanthemum Plants.**—Rooted cuttings grown from fancy large flowering varieties. Plant in rich moist soil and cut back to within eight inches of the ground June 1st, allowing one or two branches to grow. From 2½ inch pots (each 15c) (\$1.50 per Doz).

**Pansy Plants.**—Giant flowering varieties in many colors. Ready about December 15th. (Doz. 75c). colors. Ready about December 15th. (Doz. \$1.00.) Postage, 15c per dozen.

**Violet Plants.**—Strong healthy plants. Ready November 1st. Extra fine potted plants (10c each) (\$1.00 per Doz.) Postage, 15c per dozen.

**Shasta Daisy.**—The large pure white flowers with a yellow center and long stems are becoming quite numerous among Arizona gardens, since it has become generally known that they can be successfully grown here. Beginning January 1. we have large well rooted clumps. (Each 25c) (Per Doz. \$2.50).

**Gladiolus.**—Planted during the very early Spring they will produce handsome cut flowers that will last for a week or more. Assorted colors. (Doz. 75c).

### ANTIGONON LEPTOPUS

**Antigonon Leptopus.**—(Queens Wreath).—Admirably adapted to our climate in the Salt River Valley. Grows an immense vine early, kills down by frost, and grows the following Spring from the roots. There are only a few of these to be found in the Valley, but those few excite no end of comment during September and October when they are covered with a mass of beautiful pink blossoms. Very scarce. (Tubers per clump 50c).

**Madeira Vine Tubers.**—A well known climber with white flowers and foliage of waxy appearance. Large size bulbs. (Each 10c) (3 for 25c).

**Moon Flower Vine.**—We grow these in pots and can supply them about March 1st. (Each 25c).

BUY THE BEST—WE DO

# BULBS, PLANTS AND ROOTS



**BOSTON FERN**

## POTTED FERNS

A cheerful home requires cheerful surroundings. One or more of our freshly potted ferns will add a touch to the home decoration.

In stock from October 1 to March 1.

Prices include packing for shipment.

**Asparagus Plumosus** in 6 inch pots, each **\$1.00.**

**Asparagus Springeri** in 6 inch pots, each **\$1.25.**

**Boston Fern** in 6-inch pots, each **\$2.00.**

**Whitmanni**, fine foliage, in 6-inch pots, each **\$2.00.**

**Hanging Baskets.**— With Boston or Springeri fern, each **\$3.00 to \$5.00.**

## CANNA BULBS



**CANNA**

In no other flower has there been such a rapid development. For Arizona and New Mexico they are the finest bedding plant we have. Flowers are of great size and of lovely shape, rivaling orchids in outline and coloring. Plant in a warm soil, plenty of water and in a half shaded location. The varieties offered here are not the common everyday Canna, but are the latest and most up-to-date varieties, and are not to be classed with the roots you would get from your neighborhood bed.

**Louisiana.**—Green foliage, height five to six feet. Flower a deep, vivid crimson. The darkest and bluest of this class, and one of the largest, usually six to seven inches across, and with a crinkly edge and silky sheen. (**Each 15c**) (**doz. \$1.25**) Postpaid.

**Parthenope.**—Green foliage, height five to six feet. Flowers a deep orange red or vivid color. Very beautiful. (**Each 15c**) (**Doz. \$1.25**) Postpaid.

**David Harum.**—Red bronze foliage. Height four to five feet. Flowers of reddish orange streaked with deeper orange red. (**Each 15c**) (**Doz. \$1.25**) Postpaid.

**Austria.**—Green foliage. Height four feet. The flowers open like a lily with stiff petals and are four to five inches across of a bright lemon yellow with a few red spots in the throat. (**Each 15c**) (**Doz. \$1.25**) Postpaid.

**West Grove.**—Green foliage height three to four feet. Flowers four to five inches across, large truss, color a deep cerise pink. (**Each 15c**) (**Doz. \$1.25**) Postpaid.

**Italia.**—Green foliage, height three to four feet. Large flower and nearly orchid. A burning vermilion or orange red spotted and flecked with gold. (**Each 15c**) (**Doz. \$1.25**) Postpaid.



## ROSES

If wanted by mail add 3c. per bush for postage. Express shipment will allow for more packing around the roots and we suggest having them expressed rather than mailed.

Our roses are field grown, budded and own root stock, and are usually ready for shipment by January 15th. We list here those varieties which have proven most successful under our soil and climatic conditions.

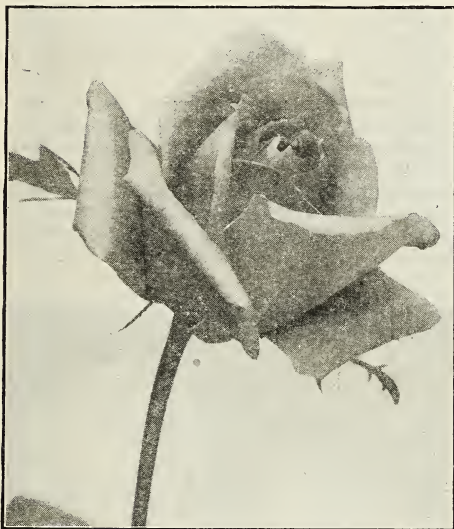
In setting out roses a hole should be dug at least one foot in depth and fifteen inches wide for each plant; the roots should be carefully spread out and covered with fine soil; manure should never be plac-

ed in actual contact with the roots, but near at hand, within reach of the new feeding roots when growth begins. The remaining soil should then be packed in firmly, the surface leveled and covered with about three inches of pulverized manure and straw. In selecting your varieties, please add to the order a few supplementary varieties lest by previous orders the stock of any particular one should be exhausted.

### SPECIAL NOTICE - - - IMPORTANT

Due to the great scarcity of Roses this year, we offer them only, subject to being able to supply. Please state in your order if it will be satisfactory with you for us to substitute varieties if we cannot supply what you order. If you fail to state "No

substitution," we will use our best judgment in selecting varieties for you, or if you want only the varieties you order, we reserve the right to refund the money sent if our supply is exhausted.



MME. EDOUARD HERRIOT

### LATEST INTRODUCTIONS

**Mme. Edouard Herriot.**—Very popular because of its wonderful freedom of bloom and fascinating color. In the bud it is a coral red shaded with yellow and bright rosy scarlet passing to a shrimp red. (Each \$1.00.)

**Tip Top.**—An everblooming Polyantha of the Cecil Brunner class. The color is golden yellow tipped with cerise and the little buds are perfect form. (Each \$1.10.)

### NEW AND SCARCE ROSES

When unable to fill orders as specified we will substitute the nearest variety unless a second choice is included or we are instructed not to substitute.

**Belle Siebrecht.**—A magnificent rose of bright deep pink. Flowers are extra large and well formed the buds being especially beautiful. a free and constant bloomer. (Each 75c.)

**Climbing American Beauty.**—The ever popular American Beauty Rose with the addition of the climbing habit has proved hardy and capable of standing heat and drought. (Each 85c.)

**Climbing Sunburst.**—Flowers are identical in form with the bush variety and the vine is a strong grower. (Each \$1.25.)

**Harry Kirk.**—Magnificent Irish rose. Color is deep sulphur yellow, clear and unclouded. Considered one of the finest yellow tea roses ever introduced. (Each 85c.)

**J. L. Mock.**—Clear imperial pink, reverse of petals rosy, silvery white. Blooms of magnificent size and form, produced on stiff erect canes. (Each \$1.00.)

**Marechal Niel.**—Climbs to a great height and yields beautiful golden-yellow buds and blooms in rich profusion. (Each \$1.25.)

**Mrs. Aaron Ward.**—A strong grower with dark glossy leaves. The buds are coppery orange in color, golden orange when bursting and pinkish dawn when fully opened. Rose lovers are delighted with it. (Each 85c.)

**Sunburst.**—A rose true to name which is creating a great sensation. The color is orange copper or a blended golden orange and golden yellow shaded lighter at the edge of the petals. Its long pointed buds which may be cut tight for market puts it in a class with the American Beauty. (Each \$1.25.)

### GENERAL COLLECTION

**American Beauty.**—The world-famous rose. Magnificent buds. Flowers extra large and deep petals, beautiful form and very double. Rich rosy crimson. (Each 65c) (doz. \$6.50.)

**Anna de Diesbach.**—Color a bright deep clear pink. Long, pointed buds, and large, finely formed compact flowers, very full and double. (Each 60c) (doz. \$5.50.)

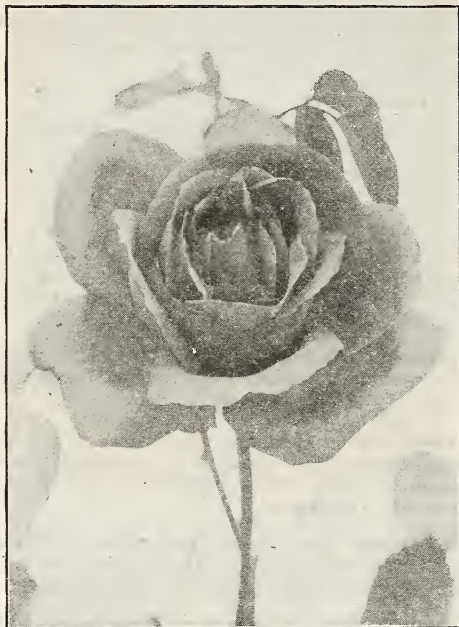
**Antoine Rivoire.**—Creamy white delicately tinted with pink; extra large petals, making a bloom of decidedly distinct form. (Each 60c) (doz. \$6.00.)

BUY THE BEST—WE DO

## ROSES

**Bride.**—An everblooming pure white Tea Rose of large size and perfect form. The buds are pointed and the ends of petals are curved back slightly. (Each 75c.)

**Black Prince.**—Splendid dark crimson flowers, very globular and good. A strong grower, a good spring and fall bloomer, and a general favorite. (Each 59c) (doz. \$5.50.)



### BLACK PRINCE

**Clara Watson.**—Rich salmon-pink with very graceful flowers, resembling Bridesmaid in form and produced in remarkable profusion. (Each 60c) (doz. \$6.00.)

**Dutchess of Albany.**—A lovely shaded deep rose, quite commonly called "The Red LaFrance". A continuous and free bloomer. (Each 60c) (doz. \$6.00.)

**Edward Mawley.**—Velvet crimson of a deep rich color on huge petals beautifully arranged. An ideal free and perpetual flowering garden rose. (Each 75c) (doz. \$7.50.)

**Etoile de France.**—A lovely shade of clear velvety crimson. The flowers are very large and born on long stiff stems. (Each 60c) (doz. \$6.00.)

**Etoile de Lyon.**—No better yellow bedder. Blooms freely and every flower is a gem. With proper care will bloom the entire year. (Each 60c) (doz. \$6.00.)

**Frau Karl Druschki.**—The white American Beauty. An every where hardy, vigorous grower, with bright green leaves, splendid long buds and snow-white blossoms. (Each 60c) (doz. \$6.00.)

**General Jacqueminot.**—A celebrated and much sought after variety; shaply buds and handsome blossoms of bright shining crimson. (Each 60c) (doz. \$6.00.)

**General McArthur.**—A brilliant scarlet; bright rose color of good size, and double, of remarkably strong growth, upright and symmetrical. We recommend this as one of the best scarlets for bedding or for cut flowers. (Each 60c) (doz. \$6.00.)

**Gruss an Teplitz.**—Hardy in all sections; vivid, dazzling, fiery crimson; produces a mass of bloom. Excellent as a bedder. (Each 60c) (doz. \$6.00.)

**Helen Gould.**—An attractive rosy crimson. Buds exquisitely formed, long and pointed. Blooms large and full. (Each 60c) (doz. \$6.00.)

**Killarney.**—Immense long pointed buds, and massive flowers on big heavy stems. Petals frequently  $2\frac{1}{2}$  inches deep. The color is deep brilliant and sparkling shell pink of the most exquisite shade. (Each 60c) (doz. \$6.00.)

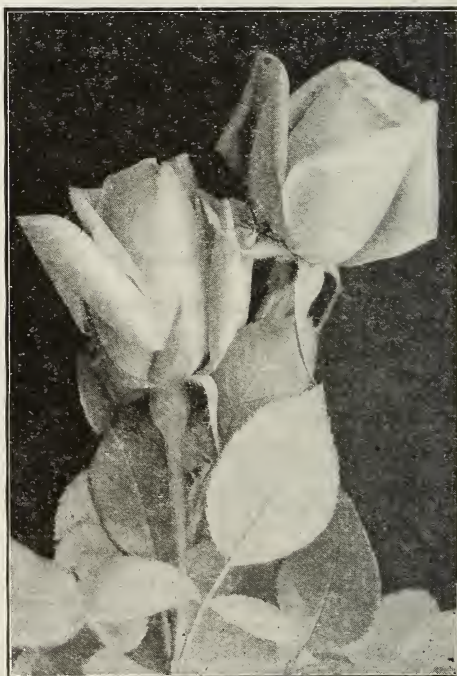
**Lady Battersea.**—A beautiful cherry crimson, permeated with an orange shade, becoming much darker in the fall and winter. This is a strikingly beautiful rose, and one which we highly recommend.

**Kaiserin Augusta Victoria.**—Pure white, splendid large buds and full double blooms making the choicest cut flowers.

**La Detroit.**—A shell pink shading to a soft rose. Flowers large, beautifully formed and handsome both in bud and full bloom. An excellent rose for this climate. (Each 65c) (doz. \$6.50.)

**La France.**—A superb standard variety of a delicate silvery rose changing to silvery pink. The flower is very large, full and globular form. (Each 65c) (doz. \$6.50.)

**Lady Hillingdon.**—This is the yellow rose for the coming years. The foliage is beautiful and the slender deep rich yellow buds are born on long willowy stems. (Each 65c) (doz. \$6.50.)



LADY BATTERSEA



## ROSES

**Maman Cochet.**—White. A handsome creamy white rose, outer petals tinged with pink. The large perfect buds and mammoth flowers are produced on splendid stems, and are of excellent quality for cutting. (Each 60c) (doz. \$6.00.)

**Mad. Jules Grolez.**—Commonly called Red Kaiserin because of its resemblance in growth, style and bloom. Color a soft pure red. Excellent for bedding. (Each 60c) (doz. \$6.00.)

**Mad. Abel Chatenay.**—A very beautiful rose of novel and distinct color, being a cream rose color shaded with rose vermillion and tinged with salmon. The base of the petals being highly colored. A very valuable Rose as a cut flower sort. (Each 60c) (doz. \$6.00.)

**Mad. Caroline Testout.**—This clear pink rose is very large, double, and sweet, resembling a La France. Free flowering, and highly recommended. (Each 75c) (doz. \$7.50.)

**Mad. Pernet Ducher.**—(Yellow La France.) Color a bright canary yellow. A vigorous and splendid bush for the garden. (Each 75c) (doz. \$7.50.)

**Marie Van Houtte.**—A pale yellow, edged with rose, of good habit, vigorous, blooming freely, and in every respect a most charming sort. (Each 60c) (doz. \$6.00.)

**Meteor.**—This rich dark crimson rose is becoming more popular every year because of its rich color, and its excellent properties as a cut flower. (Each 60c) (doz. \$6.00.)

**Mlle Cecil Brunner.**—A dainty little gem, rosy pink on a rich creamy white ground. Born in large open clusters. (Each 60c) (doz. \$6.00.)

**My Maryland.**—Salmon pink of a soft and pleasing shade, with long stems and long pointed buds, very full in bloom and very fragrant. (Each 60c) (doz. \$6.00.)

**Papa Gontier.**—Rich carmen flush crimson, with silken texture. A delightfully fragrant and splendid grower. (Each 60c) (doz. \$6.00.)

**Paul Neyron.**—The largest of all roses with an immense deep shining rose colored flower, free blooming, very fine and showy. (Each 60c) (doz. \$6.00.)

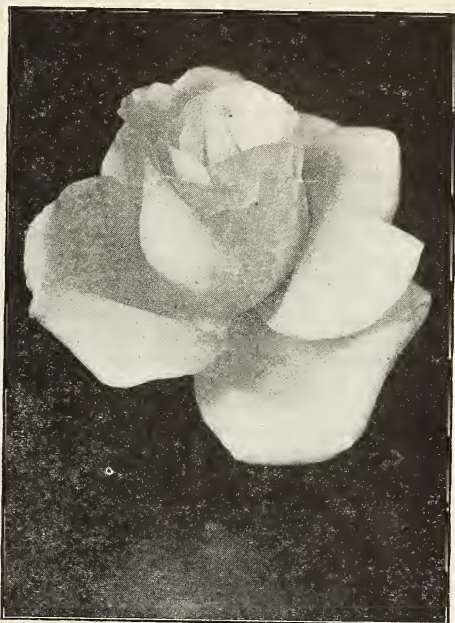
**Perle des Jardines.**—A deep golden yellow, beautiful in bud, and remains firm when fully expanded. The flowers are large, full, of globular form, with great depth and substance. We recommend this well known and most admirable Rose. (Each 75c) (doz. \$7.50.)

**Rainbow.**—A pretty striped variety resembling Papa Gontier in color, it being a lovely shade of carmine striped in a most unique manner with intense crimson. (Each 75c) (doz. \$7.50.)

**Souvenir de Pierre Notting.**—Beautiful yellow rose flushed light peach; flowers very large, well filled, and open full and perfect. Buds are long, pointed and very fragrant. (Each 70c) (doz. \$7.00.)

**Safrano.**—A magnificent rose, highly prized for its beautiful buds and handsome semi-double flowers. Color apricot yellow with orange. (Each 60c) (doz. \$6.00.)

**Ulrich Brunner.**—Rich glowing scarlet crimson flowers of exquisite form, borne on very large stiff stems. The buds are perfect in outline and color. (Each 60c) (doz. \$6.00.)



### CLIMBING KAISERIN CLIMBING ROSES

(Each 65c) (doz. \$6.50.) Postage or express extra.

**Climbing Caroline Testout.**—A strong grower with foliage and flowers same as the bush from which it is a sport.

**Climbing Cecil Brunner.**—One of the strongest growing roses, style of foliage and color same as the bush.

**Climbing Kaiserin.**—Pure white, shaded at base of petals to primrose.

**Climbing Cherokee Pink.**—Color a bright clear pink.

**Climbing Cherokee Ramona.**—A beautiful single rose of very rapid growth.

**Climbing Dorothy Perkins.**—Beautiful deep pink. We recommend this as one of the best climbers for Arizona.

**Cloth of Gold.**—A pure yellow.

**Climbing Wooton.**—Velvety red.

**Gold of Ophir.**—A combination of copper, carmine and salmon.

**Mad. Wagram.**—Clear satiny rose.

**William Allen Richardson.**—Copper yellow flushed carmine.

**Climbing Belle Siebrecht.**—Identical with the bush in flower.

**Climbing Etoile de France.**—Brilliant red crimson velvet.

**Climbing Cherokee White.**—Single.

**Climbing Cherokee Pink.**—Single.

**Climbing Cherokee Red.**—Single.

BUY THE BEST—WE DO

## FRUIT TREES

**IMPORTANT NOTICE.**—Our supply of fruit trees is very limited this year. There is a national shortage and stocks are not to be had at any price. We will accept orders only subject to being able to supply and reserve the right to refund all money sent for nursery stock of any variety. In ordering Roses or Trees state on the order blank if we may substitute the next nearest variety if we are out of the one you order.

### APPLES

Prices — 85c each. \$8.00 per 10.

**Gravenstein.**—Large yellow marked with red and orange; flesh tender, crisp, juicy and highly flavored. Ripens in August.

**Red June.**—Early, oblong in shape, medium size, deep red in color. One of the best table varieties. Ripens July first.

**Red Astrachan.**—Large deep crimson, flesh white, crisp, juicy, rather acid. Ripens July and August.

**White Winter Pearmain.**—Commercial winter variety. Pale yellow, with yellowish crisp flesh; juicy with a fine sub-acid flavor. Ripens in November.

**Trancendent Crab.**—A large golden yellow with rich crimson tint, ripens in September.

### APRICOTS

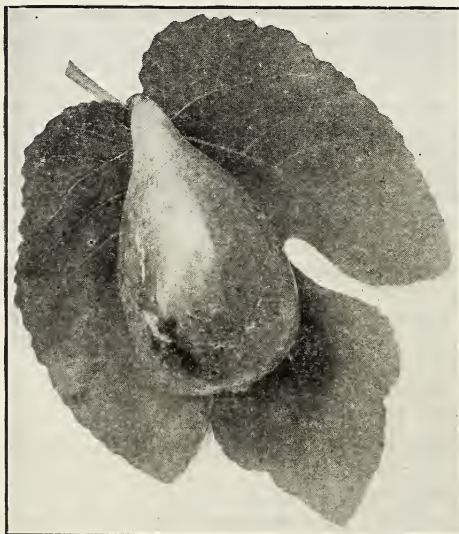
Prices — 80c each. \$7.50 per 10.

**New Castle.**—Medium size, round, fine flavor, a good shipper. One of the best early varieties. Ripens June 1st.

**Moor Park.**—Large greenish yellow shading to red on sunnyside. Fruit is of highest quality. Excellent as a combination shade and fruit tree. Ripens in August.

**Royal.**—Medium size, skin dull yellow slightly tinged with red. Excellent for canning and drying. Ripens in July.

**Tilton.**—Large oval, flesh firm, yellow, heavy and a very regular bearer. Ripens in June.



MISSION BLUE FIG

### FIGS

35to4 Foot Trees. Price 85c each; \$8.00 per 10.

**Mission Blue.**—Of strong growth and very productive. Best commercial variety.

**White Adriatic.**—Skin greenish yellow, pulp red.



SALWAY PEACH

### PEACHES—FREESTONE

Price — 80c each; \$7.50 per 10.

**Elberta.**—Large yellow with red cheek. Unexcelled for table use. Ripens in August.

**Foster.**—Fruit large yellow, red on cheek, flesh yellow, very rich. Ripens in July.

**Krummels.**—A very fine flavored peach ripening in October. Large, rich and sugary.

**Salway.**—Equal to Elberta in size and flavor. One of the best for Arizona. Ripens in Spetember.

**Lovell.**—Large almost perfectly round, yellow to the pit. Excellent for canning, drying or shipping. Ripens in August and September.

**Early Crawford.**—Very large, oblong, skin yellow with red cheek. Ripens middle of July.

**Late Crawford.**—Has all the good qualities of the Early Crawford. Ripens in August and September.

### PEACHES—CLING

Price — 80c each; \$7.50 per 10.

**Phillips Cling.**—Fine large yellow, flesh firm and yellow to pit. Ripens in September.

**Tuscan.**—Very large, pure yellow to stone. Ripens in July.

**White Heath.**—Very large, white with light shade of red. Ripens in September.

**Orange Cling.**—Large yellow with dark crimson cheek. Flesh golden yellow. Ripens early in August.

**Lemon Cling.**—Large lemon-shape, deep yellow with red cheek, flesh firm and rather acid. Ripens in August.

### PEARS

Price — 90c each; \$8.50 per 10.

**Bartlett.**—Handsome large smooth summer pear. Golden yellow often with a blush next to the sun. Very juicy and with fine flavor. Ripens in August.

**Winter Bartlett.**—Large smooth yellow with blush, tender, juicy and melting. A grand winter pear. Ripens in November.

**Keifer.**—Large and handsome. Rich yellow sprinkled with small dots, and often tinged with red. Flesh white, buttery and juicy. Pick in November and ripen in the dark.

**Winter Nellis.**—Medium size, skin yellowish green and russet. Flesh yellowish white, rich juicy and delicious. A splendid keeper and fine shipper. Pick in November and ripen in the dark.



# FRUIT TREES

## QUINCE

Price — 85c each; \$8.00 for 10.

**Orange Quince.**—Large bright golden yellow of excellent flavor. Cooks tender. Valuable for preserves or flavoring. Ripens in September and October.

**Reas Mammoth.**—Fruits large and fine. Tree hardy, healthy and prolific.

## PECANS

Price — Budded, \$3.00 up.

Good flavor, nuts large, shell thin. Quality good and heavy bearers.

## ALMONDS

Price — \$1.00 each; \$9.00 per 10.

**Nonpareil.**—One of the paper shell type with large whole kernels. Tree of a weeping habit of growth and very ornamental. A remarkably heavy and regular bearer.

## OLIVES

5-8 to 3-4, \$1.00 each; \$9.00 per 10.

3-4 to 1-inch, \$1.25 each; \$11.00 per 10.

**Manzanillo.**—Purplish black, 1-inch long. Produces oil or green or ripe pickles of the highest grade. Ripens in October.

**Mission.**—Fruit medium to large. Gets black, succeeds well under all circumstances. Ripens late.

## PLUMS

Price — 90c each; \$8.50 per 10.

**Burbank.**—Fruit large, round, red. Flesh yellow, firm juicy and of fine flavor. Ripens in July.

**Climax.**—Very early, large and of delicious flavor. The leader in shipping plums. Ripens in June.

**Green Gage.**—Medium size, yellowish green, richest flavor, skin tender. Ripens in July.

**Satsuma.**—Medium to large, skin dark red, with thin bloom of lilac shade. Flesh dark blood red, firm, solid and juicy. Ripens in August.

**Wickson.**—Very large heart shape, deep red, flesh firm, juicy, and of fine flavor. Excellent shipper. Ripens in early August.

**Kelsey.**—Very large heart shaped, skin yellow, shaded with red. Flesh yellow, firm, juicy and of pleasant flavor. Ripens August and September.

**Gold.**—Medium size golden yellow, very attractive and of fine flavor. Ripens in July.

**Santa Rosa.**—Dark purplish crimson fruit, flesh pale amber near the skin. Good for shipping or for home use. Ripens in July.

## SHADE TREES

**Arizona Ash.**—Considered the most satisfactory shade tree for Southern Arizona. While it is not of rapid growth it seems better adapted to our soil and climatic conditions than most others. We have no hesitation in recommending this as our best shade tree. (3 to 4 ft. each 30c; 10 for \$2.75) (6 to 8 ft. each \$1.25; 10 for \$11.00) (8 to 12 ft. each \$1.50; 10 for \$13.50.)

**Texas Umbrella.**—The umbrella forms a symmetrical round head. As a quick grower it has become very popular in arid and semi-arid regions. (3 to 4 t. each 50c; 10 for \$4.00) (5 to 7 ft. each 85c; 10 for \$7.50) (7 to 9 ft. each \$2.00; 10 for \$17.50.)



THOMPSON'S SEEDLESS  
GRAPES

Each 30c; \$3.00 per dozen.

**Thompson Seedless.**—Bunches very long and loose, greenish yellow, and of fine flavor, vine a rapid grower, and excellent for trellis, ripens in August.

**Muscat.**—Oval, white. A raisin or wine grape of richest flavor. Bunches large and loose, excellent for shipping.

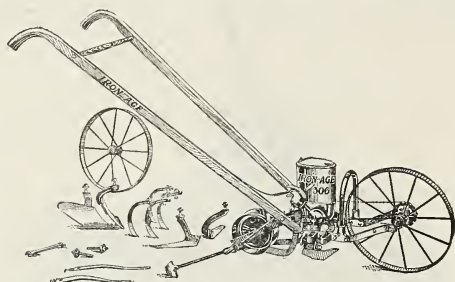
**Mission.**—A strong grower bearing large loose bunches of round purplish black medium sized berries. Sweet, juicy and delicious. Ripen in September.

**Rose of Peru.**—Vine a strong grower well adapted for arbours. Very large, round, black and firm. Skin thick; ripens in October.

**Tokay.**—Handsome large berries, pale red, covered with bloom, skin thick, flesh firm and sweet. Bunches large and moderately compact.

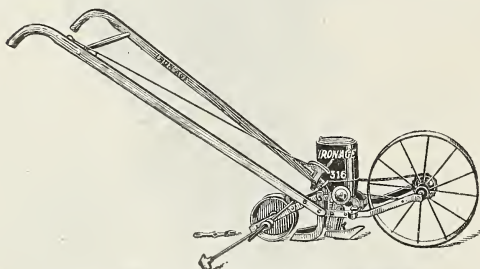
**Black Cornichon.**—Bunches long and loose; berries oval tapering at both ends; skin thick and dark; covered with bloom; flesh firm with pleasant flavor.

## IRON AGE TOOLS



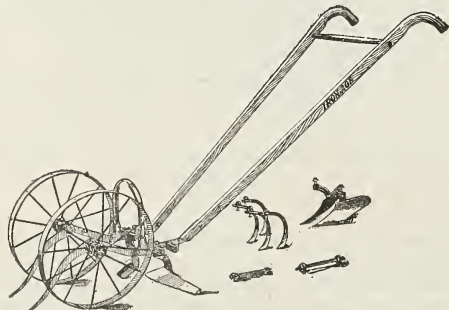
**NO. 306 COMBINED HILL AND DRILL SEEDER,  
DOUBLE AND SINGLE WHEEL HOE**

This is our most popular and complete garden tool, especially planned for the convenience of the home gardener. Just the tool for the mechanic, professional man, or a farmer who wants to help the wife with her War Garden. The specialist, too, who grows chiefly a single crop requiring few changes from seeder to wheel hoe will find No. 306 a most economical tool. Since it can be stored away in a small space and all changes can be quickly and easily made, it is a favorite with the home gardener in town or city. It will open its own furrow, sow in continuous rows or drop in hills, cover the seed with loose soil, pack it with a roller and mark the next row. (\$22.00)

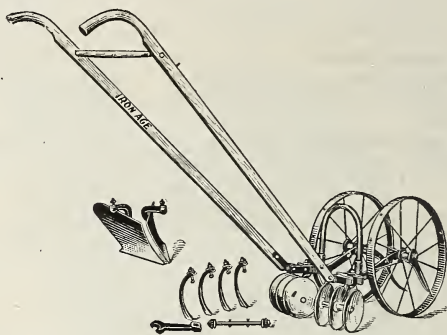


**NO. 316 HILL AND DRILL SEEDER**

Here is an important tool built especially for those who do not care for a combined tool but desire a separate machine for each purpose. The No. 315 will sow either in continuous rows or deep in hills, four, six, eight, twelve or twenty-four inches apart. The change from hill to drill seeder takes but a moment. (\$16.00)

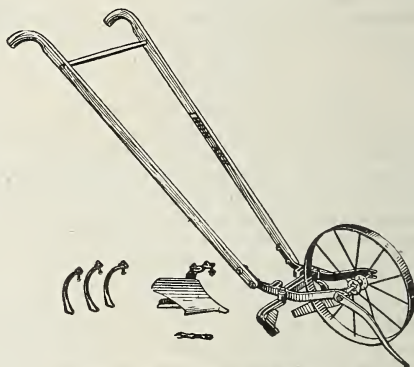


**NO. 301 DOUBLE AND SINGLE WHEEL HOE**



**NO. 327 DOUBLE AND SINGLE WHEEL  
GARDEN DISC CULTIVATOR**

Just the thing for cultivating young plants and leveling a dust mulch on the surface. The disc can be set either way and used astride or between the rows. They throw soil either toward or from the row. This is an ideal tool for many garden purposes. (\$14.00)



**NO. 320 SINGLE WHEEL HOE**

A strong durable tool, lower in price and lighter in weight than No. 401. It will do all the between the row cultivating, furrowing, ridging, weeding, leveling, etc., required in any home or market garden. The working tools with the No. 320 include one pair of side hoes, one land slide plow and three steel cultivator teeth. (\$9.00)

**NO. 301 DOUBLE AND SINGLE WHEEL HOE**

This tool is equally valuable to the home gardener who may not now see the need of a seed drill, and to the truck farmer who prefers separate tools for the work of planting and cultivating. When the plants are young the Double Wheel hoe may be used astride the row. Later the Single Wheel hoe can be used in working between the rows. It will save your back and make gardening easy. (\$12.00)



## MISCELLANEOUS



**Lily Bowl**

Suitable for Chinese Lily or paper white bulbs, also as a cut flower table decoration when flower stand is used in connection. These bowls are in green finish and are very decorative. 4 inch 25 cts. 6 inch 40 cents. 8 inch 85c. 10 inch \$1.25. Postage or express extra.

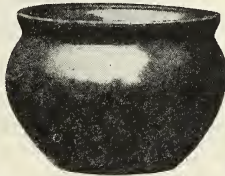
**Cut Flower Holder** for any of the above bowls. Each 25 cents.

### Porch Pots

These extra heavy ornamented porch pots are suitable for shrubs of any variety. They add a striking touch to the front yard or porch decoration. 10 inch \$1.75, 12 inch \$2.25.

### WIRE HANGING BASKETS

For Asparagus, Ferns, Oxalis or other trailing plants. 12-inch, 75c; 14-inch, 85c; 16-inch, \$1.00; Green Moss for lining wire baskets, per lb., 50c. All by express only.



**Jardiniers**

Beautifully ornamented jardiniers both of rough and smooth finish. Highly desirable for decorative purposes in the house or for porch decoration. 6 in. ea. 60c. 7 inch ea. \$1.00, 8 in. ea. \$1.25, 10 in. each \$1.50.



**Hanging Baskets**

Earthenware hanging baskets are especially desirable for Sprengeri ferns. They are very ornamental and a hanging wire with hook is furnished with each basket. 8 inch 85 cents, 10 inch \$1.25, 12-inch, \$1.75. By express or freight.

### Fern Dishes

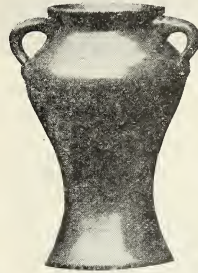
A suitable receptacle for a potted fern or ferns and other house plants may be transplanted in the dish. These dishes are of green finish and very decorative. 5 inch 60 cents, 7 inch 85 cents.

### SAUCERS

	Each	Doz.
4-inch.....	\$0.10	\$0.75
5-inch.....	.15	1.50
6-inch.....	.20	1.50
8-inch.....	.35	3.50
10-inch.....	.75	7.50
12-inch.....	1.50	.....

### Vases

During cut flower season there is a decided need of suitable vases to display flowers in the home. These vases add a touch to the home bouquet.



**Rebekah Vase**



**Venus Vase**

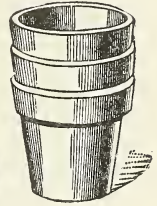
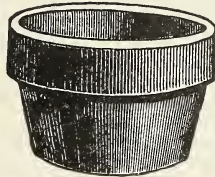


**California Vase**

By Express.

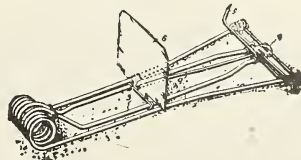
	Each
<b>Rebekah Vases</b> — 8 inches high.....	\$ .75
<b>Rebekah Vases</b> —10 inches high.....	1.25
<b>Venus Vases</b> — 6 inches high.....	.40
<b>Venus Vases</b> — 8 inches high.....	.65
<b>California Vases</b> — 8 inches high.....	.70
<b>California Vases</b> —10 inches high.....	1.00

## FLOWER POTS



	Each	Doz
<b>Flower Pots</b> — 4-inch.....	\$0.10	\$1.00
<b>Flower Pots</b> — 5-inch.....	.15	1.50
<b>Flower Pots</b> — 6-inch.....	.20	2.00
<b>Flower Pots</b> — 8-inch.....	.35	.....
<b>Flower Pots</b> —10-inch.....	.60	.....
<b>Fern Pans</b> —5-inch.....	.10	1.00
<b>Fern Pans</b> —6-inch.....	.15	1.50

## GOPHER TRAPS



**Macabee Traps.**—Made of heavy wire and spring. (Each, 25c) (dozen \$2.25).

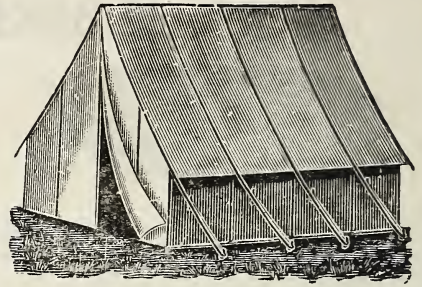
**Box Traps.**—Several leading patents. (Each, 30c) (dozen \$2.25).

**Jumbo Powder Guns.**—For dusting hens. (Each, 35c).

**BUY THE BEST—WE DO**



**Fles Laundry Bars.** For washing clothes without rubbing. Softens the water and bleaches. Contains no injurious chemicals and will not injure the hands or the finest fabrics. For washing anything from overalls to the most delicate fabrics it is a wonder. We catalogue it because we think it is a worth-while product and we want you to give it a trial. **Postpaid 30c.**



## TENTS

Best grade 10x12 wall tents of 10-oz. material. Suitable for cotton pickers, camp etc. Each \$40.00 f.o.b. Phoenix.

## DOGS, CATS, AND REMEDIES

### CLAYTON'S CAT REMEDIES

**Free**—A Treatise on the Cat by George Clayton.

Blood Purifying and Cooling Tablets. For all blood diseases, mange, eczema, etc.....	\$0.50
Canker Lotion Tablets. For all diseases of the ear.....	.60
Cough Remedy, for Coughs.....	.60
Diarrhoea Tablet.....	.60
Digestive Tablets. For all stomach disorders, for vomiting.....	.60
Distemperine and Distemperine Tablets. For Distemper.....	.60
Eye Lotion Tablets. For diseases of the eyes.....	.60
Fit Tablets. For fits.....	.60
Laxative Tablets. Acts directly on the liver and secretions.....	.60
Mange Remedy. For all forms of skin disease.....	.60
Mouth Wash. For all ulcerated conditions of the mouth.....	.60
Soap.....	.30
Tape Worm Expeller Tablets. Will expel the tape worm.....	.60
Tonic Catnip Condition Tablets.....	.60
Vermifuge (liquid).....	.60
Wash and Disinfectant, kills fleas, disinfects...	.30
Worm Tablets, will expel worms.....	.60

**Catnip Mice.**—Their object is to afford amusement to and benefit the health of cats. In endeavoring the catnip it induces the cat to exercise. If you value kitties health give it a Catnip Mouse. (Each 20c) Postpaid.

### DOG BISCUITS

**Dog Biscuit.**—Ask for free booklet on Dogs. A good dog should not be fed raw meat. It is unhealthy. Dog biscuits contain all the nutritious ingredients adapted to the needs of a dog, in such condition as to make it a healthful natural food. They are good for a dog's teeth, digestion and produce a glossy coat.

Spratts Dog Biscuit Cartons, each 45c.

Spratts Puppy Biscuit. Cartons, each 45c.

**Champion Dog Biscuit.**—Carton 40c.

**Cod Liver Oil Biscuit.**—For old or delicate dogs, or those recovering from sickness. Cartons 45c.

**Spratts Charcoal Dog Biscuit.**—To correct all bowel troubles, weak digestion, fetid breath, etc. Cartons 45c.

### BULK DOG BREAD

25-lb. box, F. O. B. Phoenix.....	\$ 4.00
50-lb. box, F. O. B. Phoenix.....	7.50
100 lbs., F. O. B. Phoenix.....	14.50

**Dog Muzzles.**—Made of heavy wire, each 50c.  
**Leather Dog Muzzles.**—For small dogs, each 50c.



BOOK ON DOG DISEASES—AND HOW TO FEED—FREE

Blood Purifying Pills.....	\$0.60
Condition pills with pepsin.....	.60
Canker Lotion.....	.60
Canker Lotion (Tablets).....	.60
Cough Cure.....	.60
Ceoline Dog Wash.....	.30
Ceoline Dog Soap.....	.25
Condition pills with pepsin.....	.60
Distemperine.....	.60
Distemperine Tablets.....	.60
Digestive Tablets.....	.60
Diarrhoea Cure.....	.60
Diarrhoea Cure (tablets).....	.60
Dog Soap.....	.30
Eye Lotion.....	.60
Eye Lotion (tablets).....	.60
Fit Cure.....	.60
Fit Cure Tablets.....	.60
Goutre Cure.....	1.25
Hair Tonic.....	.60
Killflea Soap.....	.30
Killflea Powder.....	.30
Laxative Pills.....	.60
Mange Cure.....	.60
Mange or Skin Cure.....	.60
Puppy Tonic.....	.60
Rheumatic Tablets.....	.60
Shampoo.....	.30
Sulphur Tablets.....	.60
Tape Worm Expeller.....	.60
Vermifuge (liquid).....	.60
Vermifuge (soft capsules).....	.60
Worm Pills.....	.60

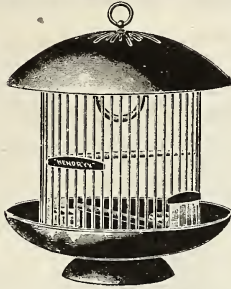
BUY THE BEST—WE DO



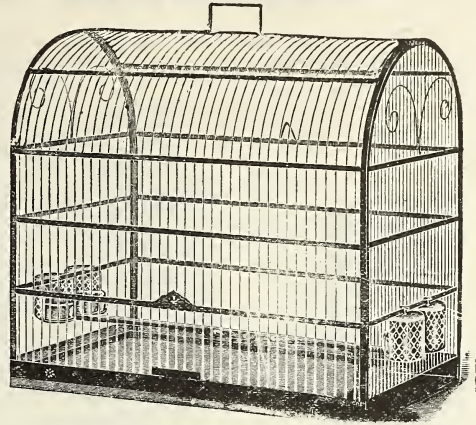
# BIRD CAGES

The prices on Bird Cages are F. O. B., Phoenix. If wanted by mail, add 25c for postage.

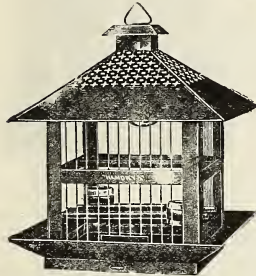
**No. 2000.**—This Cage is solid brass throughout. Made from No. 12 solid brass wire. Mechanically fastened to flat brass rails. Porcelain cups are in side the cage and are easily removed by sliding covers. (Price, \$16.00.)



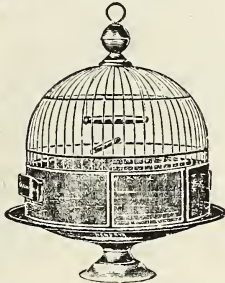
**No. 8000.**—Solid brass throughout, with drawer base and porcelain cups. This is indeed a beautiful cage and one that is an ornament in any home. (Price, \$16.00.)



**Oblong Cages.**—For Canaries, Mocking Birds and Robins. These Cages are all-metal and are thoroughly enameled, so that they are absolutely vermin-proof. They have a drawer base that may be pulled out to clean the cage. We stock three sizes. (Prices, No. 82, about 16 inches long, \$6.50; No. 84, about 20 inches long, \$8.00.)



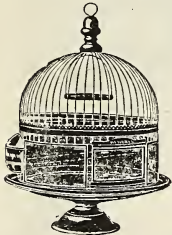
**No. 674.**—Round brass and a very attractive Cage. We can supply this Cage with or without the brass screen guard which is used to prevent seed being thrown out of the cage. Price, with Guard, \$8.50; without Guard, \$7.50.



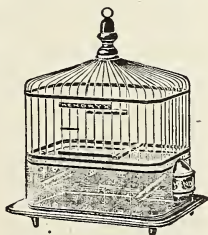
**No. 6 1/2.**—This style Cage comes in white enamel, ivory or japanned. It is substantially built and is very attractive, being equipped with guard and opal drinking cups.

## Prices

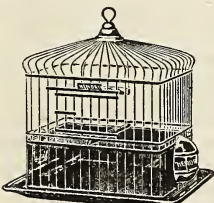
White Enameled.....\$6.00  
Ivory..... 5.50  
Japanned..... 5.00



**No. 265.**—A special japanned Cage with a brass-bound guard. Oblong with glass cups. This is a good Cage at a low price. Is neat, attractive and durable. (Price, with Guard, \$4.50; without Guard, \$3.50.)



**No. 231.**—Special brass Cage with or without the screen guards. This Cage is indeed an ornament in any home and one that you will be proud to show your friends. (Price, with Guard, \$8.00; without Guard, \$7.00.)



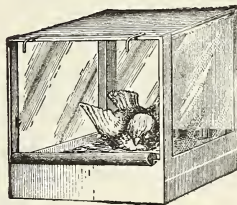
## BIRD SUPPLIES

Cage Cups, Opal; each.....	\$0.20
Cage Cups, Clear Glass; each.....	.15
Bird Gravel; package.....	.25
Bird Manna; package.....	.15
Bird Bitters; package.....	.30
Orange Coloring Food.....	.30
Nestling Hair.....	.10
Nestling Food.....	.30
Wire Nests.....	.30
Bird Bath, Opal.....	.25

**Cage Hooks.**—Brass, medium heavy, (each 25c). Heavy brass fancy, (each \$1.00).

**Cage Spring.**—No. 16, each 35c.

**Cage Spring.**—Duplex No. 19, each 40c.



## Bird Bath House.

To attach to the cage, allowing the bird to bathe every day; three sides glass (Each 75c).

## CANARY BIRDS

Ask for our Bird Booklet.

**Canary Birds.**—We can supply at all times good Canary singers that are trained from King Bird Rollers. These vary in color and range in price from \$10.00 to \$35.00. We absolutely guarantee our birds and purchasers may within a reasonable length of time exchange any bird that is not satisfactory. Female Canaries \$2.00 to \$3.50, depending on color, breed etc.

**Bird Seed.**—Our specially prepared bird seed contains only those ingredients best suited for singing canaries. If you have a good singer do not ruin him by feeding the ordinary preparations put up for quantity, not quality. We have made birds a study and know their requirements. Give them our Arizona Bird Seed. (Per Pkg. 30c)

BUY THE BEST—WE DO

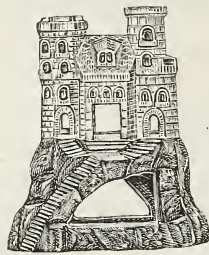
# GOLD FISH AND SUPPLIES

Listings on this page are f.o.b. Phoenix and should go by express only. In ordering Aquarium Ornaments, please state the size of your fish bowl.

## FISH BOWL AND AQUARIUM ORNAMENTS



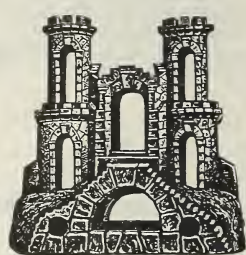
No. 616—60c



No. 458—75c



No. 582 1/2—65c



No. 460—\$1.25



No. 455—75c



No. 560—\$1.75



Japanese Fan Tail

Ornaments for small bowls, any of which are neat and artistic designs.

	Each
No. 54.....	\$0.35
No. 71.....	.75
No. 75.....	.60
No. 80.....	1.00
No. 91.....	.75
No. 98.....	.85
No. 105.....	.40
No. 106.....	.50

Fish Bowls.—Made from bright clear glass.

	Each
1/4-gallon size.....	\$0.50
1/2-gallon size.....	.75
1-gallon size.....	1.25
1 1/2-gallon size.....	1.75
2-gallon size.....	2.25
3/4-gallon size, footed.....	2.00
1 1/2-gallon size, footed.....	3.00

**Floating Ornaments.**—Ducks, Geese and Frogs. These are very attractive as floaters on top of the fish bowl. (Each 35c.) Postpaid.

**Gold Fish.**—Our first shipment of Japanese Fantail Goldfish arrives about October 1st., and we have a variety from that time until February or March. We can make express shipments of two or more fish at an additional cost of 35c to cover container which would carry six fish.

**Japanese Fantails.**—About two inches long. (Each 75c.)

**Straighttail.**—About two inches each 25c, 5 for \$1.00.

**Comets.**—Very fine. (Each 75c.)

**Fish Food.**—Contains everything that is good for Aquaria Fish. Per package 20c postpaid.

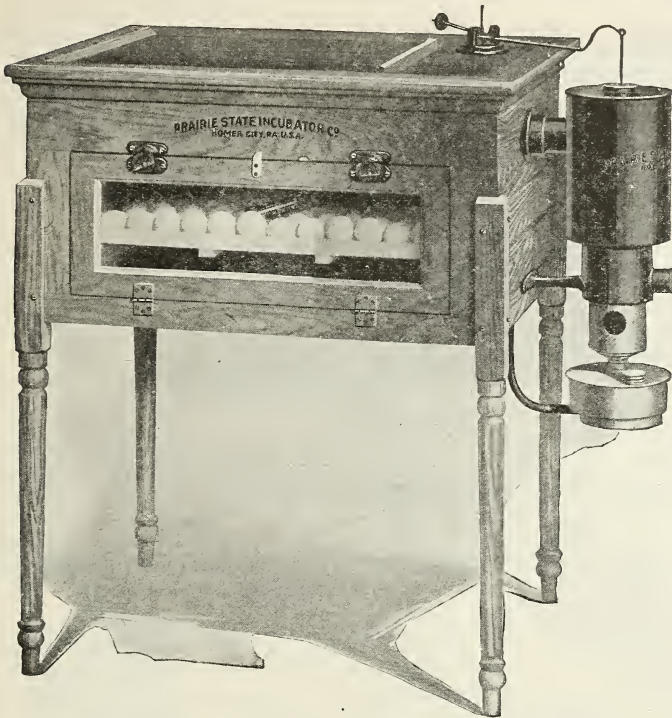
**Dip nets.**—Gold Fish should not be handled with the hands. A Dip Net will handle them gently. each 25c.

**Fish Moss.**—This pretty and popular plant is the best known oxygen producer. Per bunch 25c.

BUY THE BEST—WE DO



# PRAIRIE STATE INCUBATORS



No. 1—150 EGG CAPACITY

HATCH  
YOUR  
OWN  
CHICKS  
AND  
SUPPLY  
YOUR  
NEIGHBORS—  
HELP  
RELIEVE  
THE  
POULTRY  
SHORTAGE

Prepare now for this year's big business in poultry if you would share in the big profits to come—1920 will be a winner

Ten-Year Guarantee with Every Machine. No Leaky Pipes.  
Equipped with Special Moisture Sand Trays for a dry climate.

THE PRAIRIE STATE INCUBATOR Co. Guarantees every Machine to the original purchaser, for a period of Ten Years Against Any Necessity For Repairs, also; That It Will Produce A Larger Percentage of Chicks That Live Than Any Incubator of Any Make. That it Will produce Bigger and Better Chicks Than Any Incubator of Other Make. That It Will Hatch Every Egg That Can be Hatched by Artificial Means.

This Certificate of Guarantee goes with every Machine and is registered by the Company, so that you are absolutely protected. We have sold Prairie States for several years, but during the war could not secure sufficient stock. We are glad to be able to offer them again. The Prairie State in our estimation, is the best Incubator offered for sale. Workmanship and appearance are first class and we have never had a purchaser complain.

One of the big features is the moisture contrivance which is provided for a dry climate. The location of a sand tray underneath the eggs prevents evaporation from the eggs themselves and so institutes conditions approaching those in a natural nest stolen upon the ground.

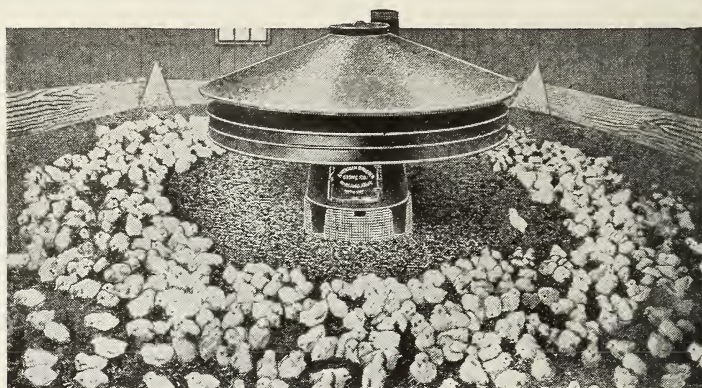
## Prices F. O. B. Phoenix.

No. 0 — 100-Egg Capacity.....\$31.00  
No. 1 — 150-Egg Capacity..... 42.00

No. 2 — 240-Egg Capacity.....\$60.00  
No. 3 — 390-Egg Capacity..... 80.00

BUY THE BEST—WE DO

## BROODERS



PETALUMA BROODER

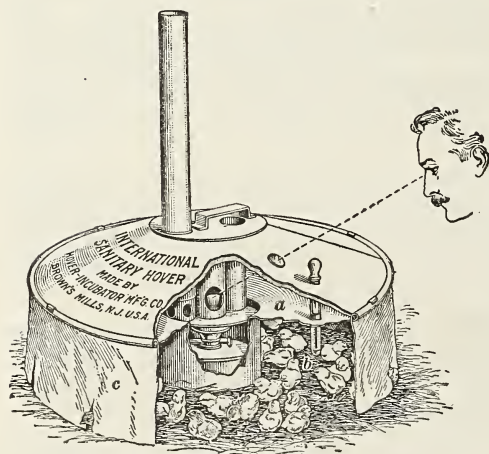
### PETALUMA BROODER STOVE

Capacity, 250 to 1500 Chicks.

A Strictly Fresh Air Brooder and one that is not influenced in the least by atmospheric changes. All gases from fuel are consumed by the flame and all fumes are carried off by the stove pipe. The operating cost is a mere trifle when compared with the grand results obtained. The burners are so constructed that oil cannot overflow or leak into the room, thereby eliminating all danger of fire. The automatic regulator is equipped with a thermostatic wafer and when set for a desired temperature it will continue to hold that temperature against all outside atmospheric changes. Full instructions for installing accompany each Brooder Stove. If you contemplate brooding 500 or more chicks this Stove will pay for itself in the saving of chicks from the first brood. At the present price of poultry a Brooder Stove is a sensible investment and the **Petaluma** is a permanent investment for it will last for years if properly cared for.

Price, \$42.50 F. O. B. Phoenix.

### INTERNATIONAL SANITARY HOVER



INTERNATIONAL BROODER

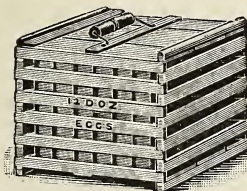
Newly hatched chicks represent not profits, but possibilities. Those who want chickens to lower the high cost of living must not lose sight of this fact. The **International** is designed to meet the demand for a small brood hover. It supplies fresh air to the chicks without drafts. It is circular, therefore has no corners for crowding, the heat is radiated downward upon the backs of the chicks. The Lamp may be removed without kneeling in the dust or mud and last, but not least, it is low priced.

Capacity, 100 Chicks; Price, \$14.00

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# POULTRY SUPPLIES



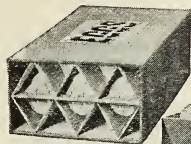
**Humpty Dumpty Egg Carrier**

## Humpty Dumpty Egg Carriers

Made in sizes to hold 3, 6, 12 and 30 dozen eggs respectively. The best returnable shipping crate on the market and a handy crate to deliver eggs to the market.

Complete with paste-board fillers:

3 doz. size, each . \$0.50  
6 doz. size, each . .60  
12 doz. size, each . 1.00

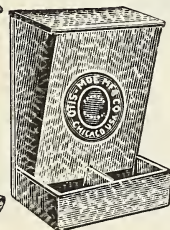
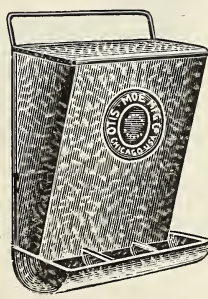
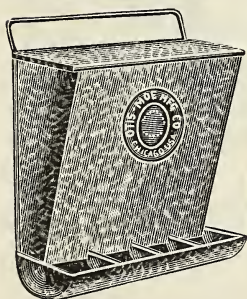


**Diamond Egg Boxes.**—Take no chances on breakage. Be sure of safe delivery. Diamond Parcel Post Egg Carriers will protect you against loss. 15-egg size for hatching eggs, each 40c; 30-egg size for hatching eggs, 60c; one dozen egg size, 40c, postpaid.

**Market Egg Cartons.**—Heavy Cardboard Cartons holding one dozen eggs. 1 doz. 30c, 2 doz. 50c, 50 for 90c, 100 for \$1.75, postpaid



**Olla Fount.** Of porous stone ware, strong and durable. They are popular with poultrymen because they keep the water cool and refreshing; cannot be upset by the fowl and are easy to keep clean. (2 qt. 50c) (4 qt. 65c)



## SANITARY FEED PANS

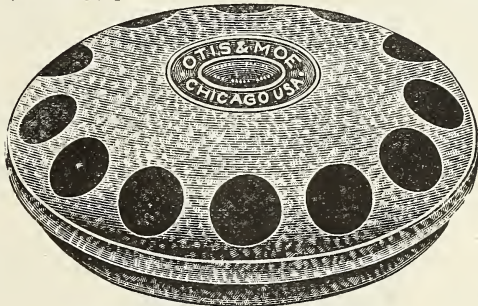
Can be used for feed, wet mash or water. Barred top prevents wasting of feed. Made of the best galvanized iron in three sizes.

No. 21 12 inches long..... \$ .65  
No. 22 18 inches long..... .90  
No. 23 24 inches long..... 1.20



**The Most Simple, Practicable and Durable Mason Jar Fount on the Market.**

Will fit pint, quart or one-half gallon Mason jar. Manufactured of one piece of non-rusting metal. No parts to come unsoldered. Leaking impossible. Convenient, cheap and sanitary. Provides greater drinking surface than the round fountain. Little chicks cannot get drowned. Can be used for feed as well as water. Manufactured in one size only. (Each 20c) postpaid.



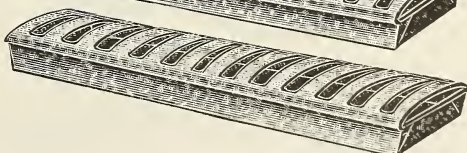
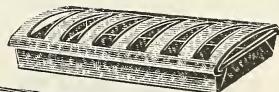
## MOE'S CHICK FEEDER

Great feed saver, as the little chicks cannot get into it and contaminate the feed. Can also be used for water. This is not a novelty, but a practical, well-made feeding device that will last for years. Made of the best grade of galvanized iron in two sizes. (Small, each 30c; large, each 40c.)

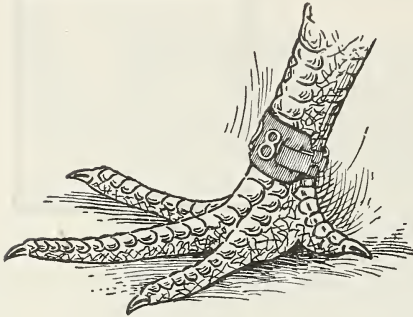
## GRIT AND SHELL BOX

Made of galvanized iron with three compartments; fitted with hinged lid and strong bail for hanging clear of litter; may be used for grit, shell, charcoal, bone or beef scraps.

2 Compartment, \$ .65  
3 Compartment, 1.25  
4 Compartment, 1.60



## POULTRY SUPPLIES



### LEG BANDS

**Improved Champion.**—Made of aluminum in two sizes; adjustable to fit any fowl. Held by double lock it is impossible for them to be lost. (12 for 15c) (25 for 30c) (100 for 85c).

**Celluloid Bands.**—Made in six sizes and ten colors. Light, durable and will stay where you put them. (12 for 15c) (25 for 30c) (100 for 85c).



### NEST EGGS

**Medicated Nest Eggs.**—Contain a powerful disinfectant which is guaranteed to expel lice and vermin. (Each 10c) (dozen 85c) (postpaid 90c).

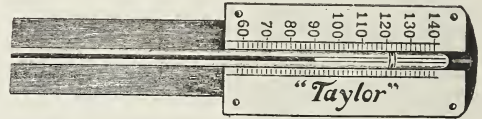
**Porcelain.**—We handle only the best grade of china nest eggs. (40c dozen).



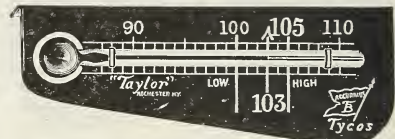
### PETTY'S POULTRY PUNCH

One of the most convenient punches made. It is small and easy to operate, cutting a clean hole every time. (Price 35c).

### THERMOMETERS

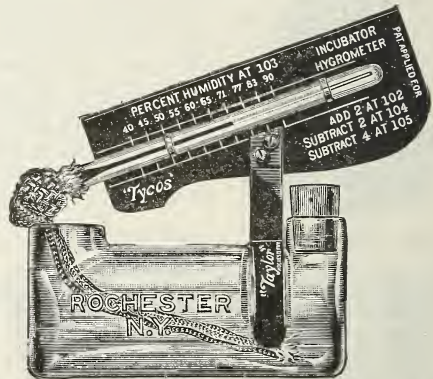


**Brooder Thermometer.**—When placed in a hole in top of brooder or hover the scale may be read from the outside while the bulb of the thermometer is inside. (Each 75c).



### NO. 1 INCUBATOR THERMOMETER

**Incubator Thermometers.**—Many persons using incubators and brooders fail to understand the importance of having a thoroughly tested and reliable thermometer. We have the famous Tycos line which are considered the best procurable. No. 1 Incubator. (each 85c)



**Tycos Hygrometer.**—The amount of moisture required during a period of incubation varies and should be tested. This may be done accurately with a Hygrometer. (Each \$1.75).

### POULTRY AND RABBIT BOOKS

Call of The Hen, By Hogan .....	\$2.00
The Plymouth Rocks .....	1.00
The Leghorn.....	1.00
Standard of Perfection .....	3.50
Diseases of Poultry .....	.75
Belgian Hare Guide. ....	.50
Western Rabbit Book.....	.60
Turkeys, Their Care and Management .....	1.00
Cage Birds.....	.20

BUY THE BEST—WE DO



# Conkey's

## Buttermilk Starting Food

### RAISE EVERY CHICK YOU HATCH

Give them this rich combination of good rich buttermilk, and clean wholesome grains. Feed them nothing else for the first four weeks, then gradually introduce your heavier grains and you will have strong husky chicks.

**Conkey's Buttermilk Starting Food** is a very inexpensive chick food, costing about 1 cent per chick. It will give you quick growing chicks that will develop into heavy layers, strong breeders, full bodied market birds—real profit makers. It contains every element that chicks need and is balanced perfectly for the delicate digestive organism. Prices do not include postage or express.

3 lbs.....	\$ .45	25 lbs.....	\$ 3.00
5 lbs.....	.65	50 lbs.....	5.75
10 lbs.....	1.25	100 lbs.....	11.00



### CONKEY'S POULTRY REMEDIES

	Small	Medium	Large
Conkey's Roup Remedy.....	\$0.30	\$0.60	\$1.20
Conkey's Roup Pills.....	.30	.60	1.20
Conkey's Cholera Remedy.....	.30	.60	...
Conkey's Gape Remedy.....	.30	.60	...
Conkey's White Diarrhoea Remedy.....	.30	.60	...
Conkey's Sorehead & Chicken-Pox Remedy.....	.30	.60	...
Conkey's Lice Powder.....	.30	.60	...
Conkey's Lice Liquid.....	.50	.90	1.50
Conkey's Head Lice Ointment.....	.15	.30	...
Conkey's Lice Fix.....	.30	.60	...
Conkey's Poultry Tonic, Packages.....	.30	.60	...
Conkey's Poultry Tonic, 12 lb. pail.....	...	...	1.65
Conkey's poultry Tonic, 25 lb. Pail.....	...	...	3.00
Conkey's Noxide Dip.....	.40	.70	1.00 1.75
Conkey's Canker Special.....	.60	...	...
Conkey's Bronchitis Remedy.....	.60	...	...
Conkey's Limberneck Remedy.....	.60	...	...
Conkey's Scaly Leg Remedy.....	.60	...	...
Conkey's Laxative.....	.60	...	...
Conkeys' Poultry Worm Remedy.....	.30	.60	...
Conkey's Poultry Conditioner.....	.30	.60	...

### CONKEY'S STOCK REMEDIES

Conkey's Stock Tonic.....	.30	.60	1.20
Conkey's Stock Tonic 12 lb. Pail.....	...	...	2.25
Conkey's Stock Tonic 25 lb. Pail.....	...	...	3.75
Conkey's Fly Knocker.....	.60	.90	1.50
Conkey's Colic Remedy.....	.60	...	...
Conkey's Warming Liniment.....	.60	...	...
Conkey's Worm Remedy.....	.60	...	...
Conkey's Pain Lotion.....	.60	...	...

### PRATTS POULTRY REMEDIES

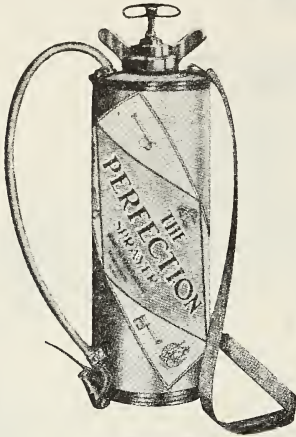
	Small	Medium	Large
Pratts Poultry Regulator, Packages.....	.30	.60	...
Pratts Poultry Regulator, 12 lb. Pails.....	...	...	2.25
Pratts Poultry Regulator, 25 lb. Pails.....	...	...	3.75
Pratts Lice Powder.....	.30	.60	...
Pratts Poultry Disinfectant.....	.40	.75	1.25
Pratts Roup Remedy.....	.30	.60	...
Pratts Roup Tablets.....	.30	.60	...
Pratts Baby Chick Food.....	.40	.75	...
Pratts White Diarrhoea Remedy.....	.30	.60	...
Pratts Cholera Remedy.....	.30	.60	...
Pratts Headlice Ointment.....	.15	.30	...
Pratts Condition Tablets.....	.30	.60	...
Pratts Bronchitis Remedy.....	.30	.60	...
Pratts Sorehead and Chicken Pox Remedy.....	.30	.60	...
Pratts Scaly Leg Remedy.....	.30	.60	...

### PRATTS STOCK REMEDIES

Pratts Animal Regulator.....	.30	.60	...
Pratts Animal Regulator, 12 lb. pails.....	...	...	2.50
Pratts Animal Regulator, 25 lb. pails.....	...	...	3.75
Pratts Healing Ointment.....	.30	.60	...
Pratts Veterinary Colic Remedy.....	...	.60	1.25
Pratts Liniment.....	.30	.60	1.20
Pratts Distemper and Pink Eye Remedy.....	.60	...	...
Pratts Worm Powder.....	.60	...	...
Pratts Head, Cough and Cold Remedy.....	.60	...	...
Pratts Dip and Disinfectant.....	.50	.90	1.50
Pratts Bag Ointment.....	.30	...	...
Pratts Germ-a-thol.....	.30	...	...
Pratts Fly Chaser.....	.60	.90	1.50

BUY THE BEST—WE DO

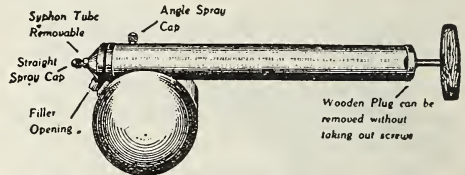
## SPRAY PUMPS



THE PERFECTION

### PERFECTION PUMP

This is one of the best all-purpose pumps made. Hundreds of them are in use in the Salt River valley for garden spraying, whitewashing, coop-disinfecting and many other things. For spraying in the garden we suggest the Perfection, including the extension rod attachment. This enables the operator to spray the underneath side of leaves in melons, etc. Rose-bushes and small fruit trees may be sprayed with the Perfection and for all around garden use it will pay for itself in one season. It is equipped with four feet of hose and a three-foot brass extension rod with angle or straight nozzle. (Price \$10.00.)

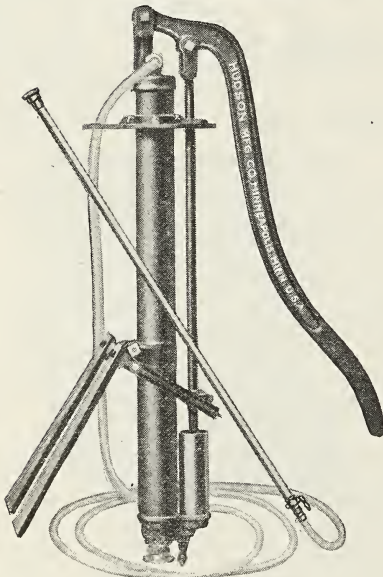


**Continuous Atomizer.**—This pump operates continuously on the up and down stroke and throws a fine misty spray. Will handle all solutions of insecticides and disinfectants. Capacity 1 quart. (Each \$1.25).

### "MODOC" BUCKET PUMPS



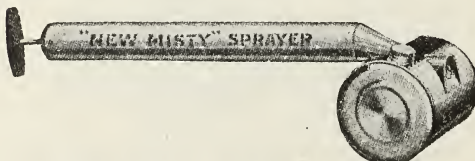
The cylinder or barrel is very large size and is made of heavy brass tubing. The plunger, also made of brass tubing, extends the full length of the pump inside the barrel. The plunger is hollow, forming the air chamber which insures a steady flow of liquid and largely increases the pump's capacity. The pump is equipped with 3 feet of  $\frac{1}{2}$ -inch five-ply pressure spray hose attached with clamps. This pump will throw a straight stream, handle whitewash and other spray liquids with the same nozzle, by simply turning the disc in nozzle. Guaranteed to have a larger capacity than any similar pump. Price each \$5.50



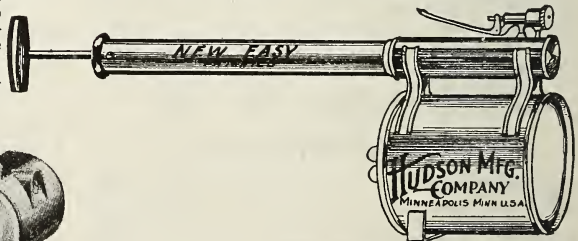
No. 4 BARREL PUMP

**No. 4 Barrel Pump.**—This Pump is made to fit in a barrel and has ample capacity for two lines of hose. May be put on a sled or wagon. We suggest 20 feet of hose for each line of Fog Nozzles.

Complete with hose, extension rods, shut-off and nozzle, ready for use. \$20.00.



**New Misty Sprayer.**—A general purpose Sprayer, for farm, stable or garden uses. Handles fly-oils, bug poisons and disinfectants. Has large powerful pump. Lock sealed can. Made of heavy tin. Tank 4x4 $\frac{1}{2}$  inches. Length over all 21 inches. Holds one quart. Price each 75c.

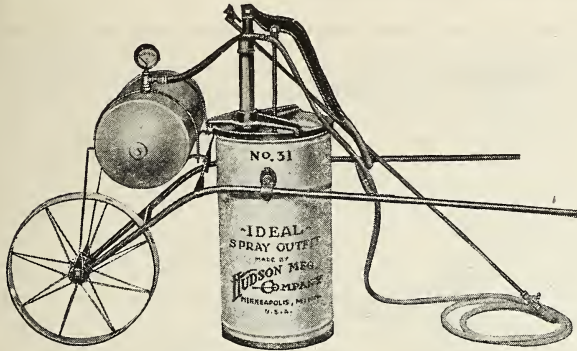


NEW EASY

The only sprayer that will throw a fine beaded fog spray. This is a handy pump for small gardens or for poultry house disinfecting. The nozzle is of brass, fitted with automatic shut-off. Each \$3.00.

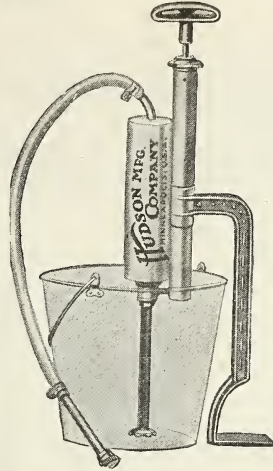


## SPRAY PUMPS



**Ideal Outfit No. 31**

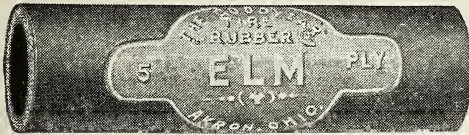
This outfit is light, compact and easy to operate. The tank holds fifteen gallons, is mounted so that the liquid will not slop or spill, and in a way that makes it easy to handle. The pump spreads across the top of the tank and is held firmly in place by a thumb nut. It has the largest air chamber of any spray pump of corresponding size. This enables the operator to keep a uniform pressure at the nozzle. **Price \$37.50**



**Magic Bucket Pump.**—This pump has a very large capacity, all the work being done on the down stroke. The large air chamber enables the operator to maintain a high pressure and a steady discharge. All parts except handle and foot are brass. **Each without bucket, \$5.00.**

### Spray Hose

We have the special Good-Year moulded spray hose which will stand the high pressure necessary. Can supply this in any length. It doesn't pay to buy cheap spray hose. **Price per foot 25c.**



## INSECTICIDES AND POISONS

Poisons cannot be sent by mail.

**POISON MIXTURES.**—We will furnish on request formulas for any mixture desired in combating insects and plant diseases. Write us fully regarding any difficulty you may be having and we will give you expert advice.

**Tree Tanglefoot.**—Applied to trees to protect from ants and rabbits. **1 lb. tins 75c.**

**Talbots Ant Exterminator.**—To be used in the ant hill. **25c, 50c.**

**Talbots Roach Exterminator.**—**25c, 50c.**

**Sodium Fluoride.**—We have found this to be one of the most effective drugs for chicken lice, ants, ticks, cock-roaches, bed bugs and flies. Two or three applications will absolutely clean up an ant hill, and for chicken lice there is nothing equals it. ( $\frac{1}{2}$  lb. 50c) (1 lb. 90c) (5 lbs. \$4.00).

**Arsenate of Lead.**—The most effective of all insecticides for spraying purposes. Especially adapted for use on tender plants and foliage. (lb. can 60c) (4lb. pkg. \$2.00).

**Atomic Sulphur.**—Prevents and cures mildew on peas, roses, beans, grapes, etc. Use no other if you wish results. (Per bottle 50c).

**Black Leaf 40.**—A solution of nicotine sulphate containing 40 per cent nicotine. The most highly recommended spray for soft-bodied sucking insects, such as plant lice, thrips, leaf hoppers. (Small bottle 25c). ( $\frac{1}{2}$  lb. 75c) (2-lb. \$2.50) (10-lb. 10.75).

**Fish Oil Soap.**—When used in connection with nicotine solutions it better enables the spray to stick to the foliage. (Lb. 25c) (10 lbs. \$2.00).

**London Purple.**—Thousands of pounds of London Purple are used each year for the destruction of ants. Dust a small quantity on the hill each time ants are seen to be operating and they will soon be exterminated. (1-lb. can 40c).

**Paris Green.**—The old reliable destroyer of all chewing insects, such as potato bugs, codling moth caterpillars, etc. ( $\frac{1}{4}$  lb. 30c) (1 lb. \$1.00) (5 lbs. \$4.50).

**Black Strap.**—For use in preparing a poison for grasshoppers and cut worms. (Per gallon \$1.00).

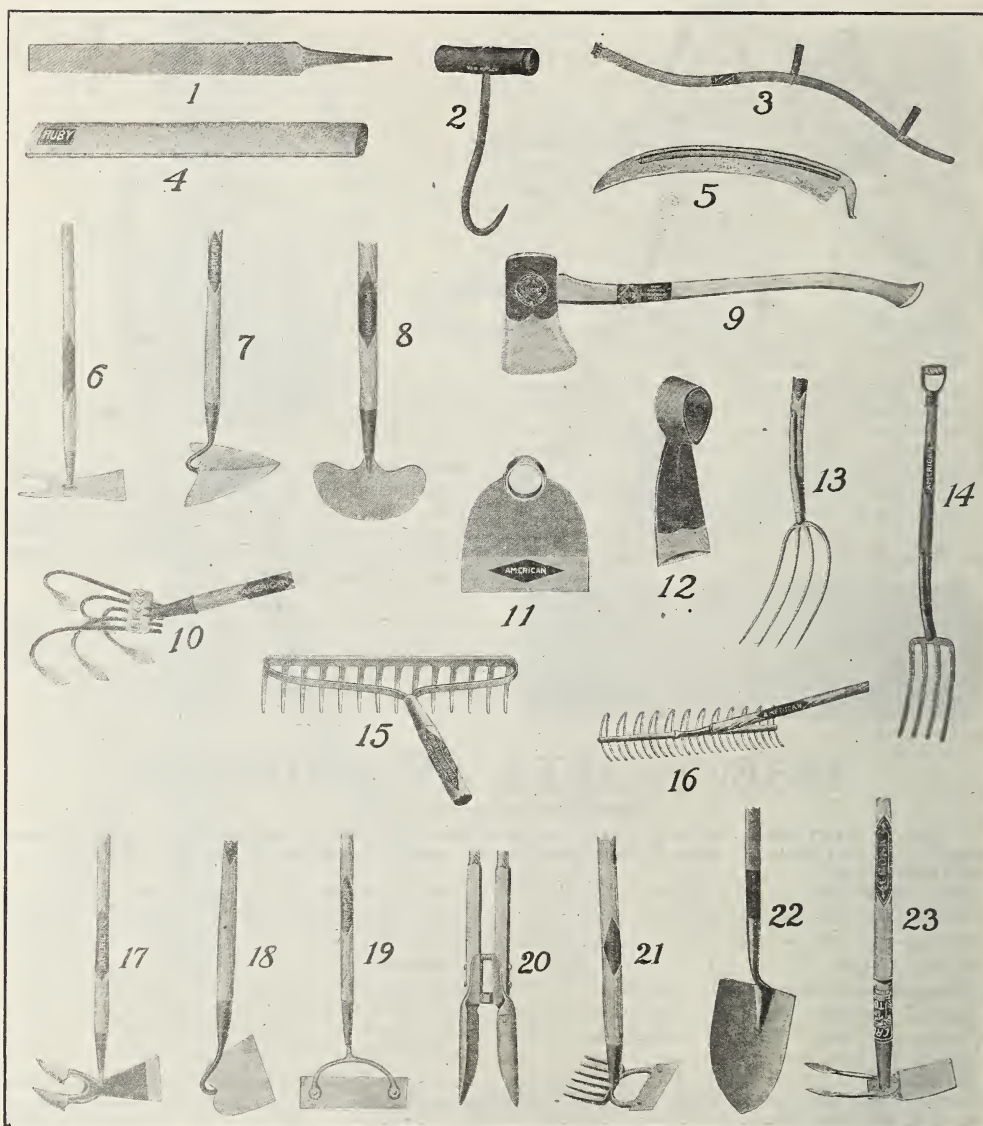
**Sulphur**—(Powdered) Per lb. 15c. 10 lbs. \$1.25.

**Tobacco Dust.**—For green and black fly, plant lice, etc. Apply when foliage is moist. (Per lb. 10c).

**Gopher Poison.**—Kill your Gophers, Rats, Mice and Ground Squirrels with "Rat Corn." They simply dry up. Rat Corn is harmless to human beings and live stock and is easy to use. Pkgs. 25c, 50c, \$1.00.

BUY THE BEST—WE DO

## GARDEN TOOLS



No. 1	File.....	8" 30c, 10" 45c, 12" 60c
No. 2	Hay Hook, Hand Forged, Each.....	\$ .75
No. 3	Scythe Snathe.....	2.00
No. 4	Scythe, Stone.....	.35
No. 5	Scythe, Blade Best Material, Each.....	2.00
No. 6	Two Prong Hoe, Each.....	.90
No. 7	Warren Solid Socket, Each.....	1.25
No. 8	Turf Edger, Each.....	1.00
No. 9	Axe and Handle Complete, Each.....	1.90
No. 10	Five Prong Cultivator, Each.....	1.25
No. 11	Three Prong Cultivator, Each.....	1.10
No. 12	Eye Hoe without handle.....	.90
No. 13	Eye Hoe with handle.....	1.50
No. 14	Mattock without handle.....	2.00
No. 15	Mattock with handle.....	2.85

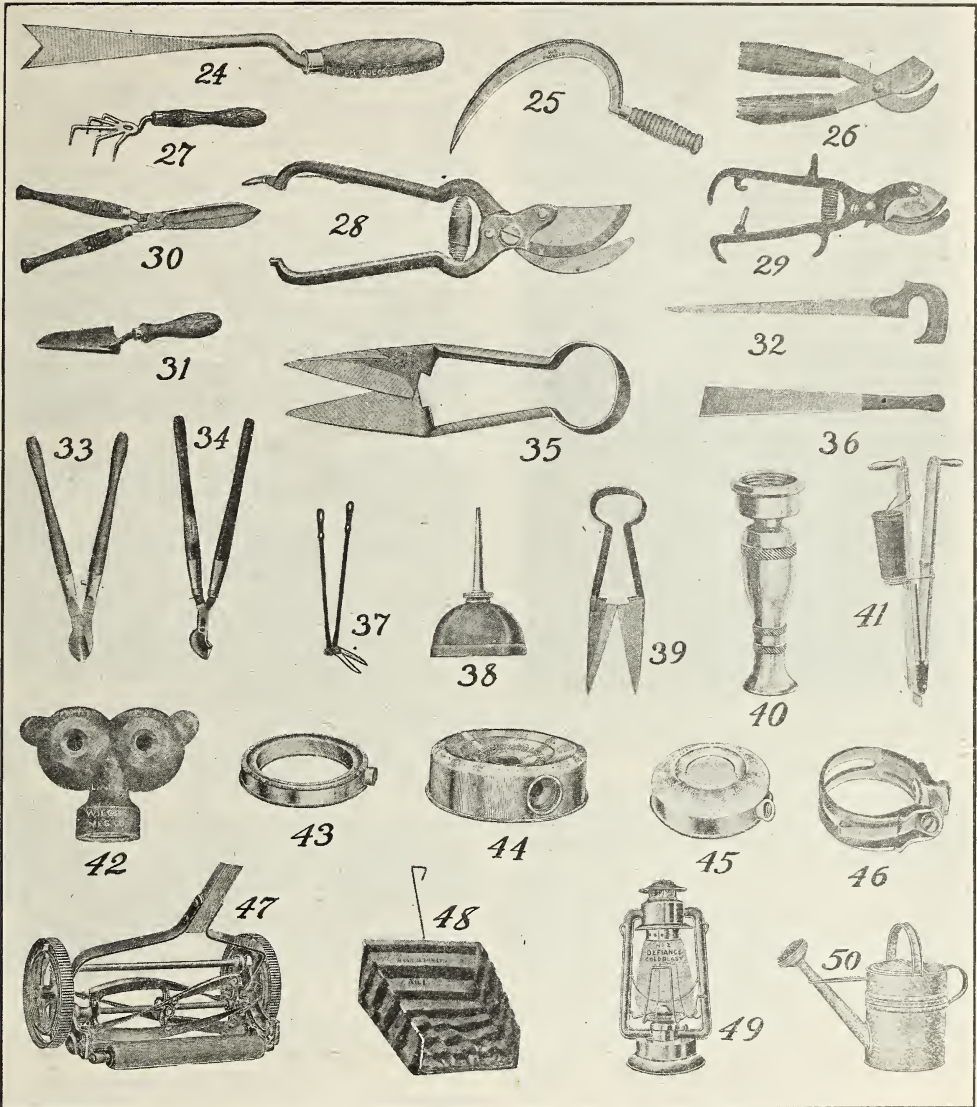
No. 13	Pitch Fork, 4 tine.....	1.85
No. 14	Spading Fork, D. Handle.....	2.00
No. 14	Spading Fork, Long Handle.....	2.10
No. 14	Spading Fork, Highest Grade Steel, D. Handle.....	3.50
No. 15	Garden Rake, 14 tooth, Best.....	1.25
No. 16	Lawn Rake, 20 tooth 90c... 40 tooth.....	1.25
No. 17	Acme Weeding Hoe.....	1.40
No. 18	Solid Shank Hoe.....	1.10
No. 18	Heavy Hoe.....	1.35
No. 19	Scuffle Hoe.....	1.35
No. 20	Post Hole Digger.....	2.00
No. 21	Weeding Hoe.....	1.20
No. 22	Irrigation Shovel.....	2.00
No. 23	Weeding Hoe.....	1.25

We will give customers the benefit of any decrease in prices as same become effective.

BUY THE BEST—WE DO



# GARDEN TOOLS



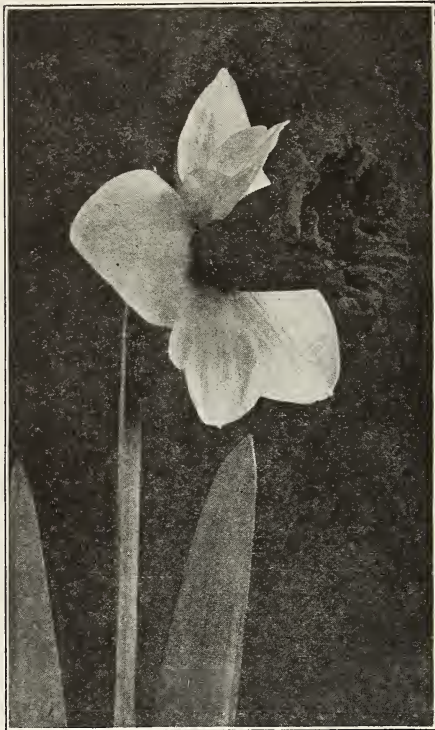
No. 24 Asparagus Knife.....	.75
No. 25 Grass Hook.....	.60
No. 26 Pruning Shear, long handle.....	2.00
No. 27 Excelsior Weeder.....	.25
No. 28 Pruning Shear.....	1.50
No. 29 Pruning Shear.....	.60
No. 30 Hedge Shear.....	2.50
No. 31 Steel Trowel.....	.75
No. 31 Transplanting Trowel.....	.25
No. 32 Pruning Saw.....	1.50
No. 33 Pruning Shear, Rhodes.....	1.25
No. 34 Pruning Shear, Heavy Steel.....	3.00
No. 35 Grass Shears.....	.40
No. 36 Corn Knife.....	.60
No. 37 Lawn Edger.....	2.50

No. 38 Oil Can, copper plated.....	.25
No. 39 Grass Shears.....	1.25
No. 40 Mystic nozzle.....	.85
No. 41 Corn Planter.....	2.50
No. 42 Twin Spray.....	.60
No. 43 Brass Ring Sprinkler.....	1.35
No. 44 Baby Ring Sprinkler.....	.75
No. 45 Baby Fountain Sprinkler.....	1.00
No. 46 Hose Clamp, 1/4 inch Ideal, Each.....	.10
No. 47 Lawn Mower, 4 Blade.....	16.00
No. 47 Lawn Mower, 5 Blade.....	19.00
No. 48 Grass Catcher.....	1.50
No. 49 Lantern, Cold Blast.....	1.50
No. 50 Sprinkling Can, two gallon.....	2.00
No. 50 Sprinkling Can, one gallon.....	1.50

We will give our customers the benefit of any decrease in prices as same become effective.

BUY THE BEST—WE DO

# WINTER AND SPRING FLOWERING BULBS



These bulbs must be planted in the Fall. Stock begins arriving about October 15th, and orders will be filled as shipments arrive.

## HYACINTHS

Hyacinths should be planted in rich yellow soil about four or five inches below the surface. This method provides a heavy root system before the top pushes through the surface and will produce much better flowers.

If wanted by mail add 1c per bulb or 12c per dozen for postage.

	Each	Dozen
L'Innocence—A very fine, pure white	\$0.20	2.00
Gertrude—Bright, Carmine rose	.20	2.00
Gigantea—Blush pink, shaded darker	.20	2.00
King of Belgium—Glossy deep red	.20	2.00
Grand Maitre—Deep lavender blue with darker blue shading	.20	2.00
King of Blues—Dark glossy, indigo blue	.20	2.00
Queen of Blues—Beautiful sky blue silvery sheen	.20	2.00

## Single Bedding Hyacinths

If wanted by mail add 10c per dozen for postage.

The following are selected from our first size named hyacinths, but offered in second size bulbs. They are especially adapted for beds.

	Each	Dozen
Single White	\$0.15	\$1.50
Single Pink	.15	1.50
Single Red	.15	1.50
Single Light Blue	.15	1.50
Single Rose	.15	1.50
Single Dark Blue	.15	1.50

## TULIPS

For the Southwest Climate we offer only the late long stem varieties of tulips, as it has been proven that these are far superior to any other sorts grown in our climate. Plant so the tip of the bulb is about three inches under the surface.

	Per dozen	Per 100
Darwin White Queen	\$.075	5.00
Clara Butt—Bright lilac rose salmon tinted	.75	5.00
Pride of Harlem—Dazzling cerise scarlet	.75	5.00
Gesneriana Lutea—Golden yellow	.75	5.00

## NARCISSUS

Plant about four inches deep

**Paper white.**—These do well in the garden, or in water planted as the Chinese Lily. A bowl of six makes an elegant table decoration. Dozen 75c, Postpaid 85c.

**Chinese Sacred Lily.**—Commonly grown in water but may also be grown in the garden. Each 20c. Dozen \$2.25.

## DAFFODILS OR TRUMPET NARCISSUS

Plant four to five inches deep

**Emperor.**—One of the finest daffodils in cultivation. Entire flower of the richest yellow and very large. Each 15c, dozen \$1.50.

**Empress.**—A magnificent variety of two colored trumpets. The perianth is white while the trumpet is rich yellow. Each 15c, dozen \$1.50.

**Double Nose Von Sion.**—Flowers large and of deep golden yellow. Largely used for outdoor planting. Each 15c, doz. \$1.50.

**Golden Spur.**—One of the grandest daffodils with extreme large, rich yellow flowers. Very free flowering. Each 15c, doz. \$1.50.

## Poeticus Ornatus

The Pheasant's eye Narcissus, having snowy white perianth and a saffron cup, margined scarlet. One of the most beautiful of the Narcissus. Each 10c, Dozen 90c.

## JONQUILS

**Campanelli Regulosus.**—Large, golden yellow flowers. Excellent for bedding. Per dozen 75c

## CROCUS

One of the earliest flowers to open in the spring. The Crocus makes an effective show when planted in masses or where three or four rows are arranged in a border. They are hardy and can be left in the ground several years. Plant about two inches deep. Four colors. 35c per dozen, \$2.50 per 100.

## SPANISH IRIS

There are few flowers to match the beauty and variety of color of Spanish Iris. The curious and charming blending of shades in the same flower give them the appearance of many rare orchids with which they can well compete in grace and beauty.

	Per dozen	Per 100
<b>Cajanus.</b> —Splendid, deep golden yellow. Very beautiful	\$.50	\$3.50
<b>King of Blues.</b> —A very fine blue	.50	3.50
<b>Louise.</b> —White, lilac spotted	.50	3.50
<b>Reconnaissance.</b> —A beautiful bronze	.50	3.50
<b>Brittish Queen.</b> —A large pure white	.50	3.50

## ANEMONES (WIND FLOWER)

Suitable for pot or border culture and when planted in masses they are most effective. Single mixed, 25c per dozen, \$1.00 per 100. Double mixed 35c per dozen, \$2.50 per 100.

## RANUNCULUS

Nothing produces a brighter or more gorgeous effect. Plant in borders or beds, setting the tuber's claws down and about 4 inches apart. Cover 1½ inches.

	Per dozen	Per 100
Pure Red	\$.50	\$3.50
Mixed	.50	3.50

## FRESIA BULBS

These are well known for their delightful fragrance. They should be potted in September and October, and left outside until about December 1st, after which they may be taken in the house and placed in a sunny window where they will bloom freely. They may also be planted in the garden. Purity 40c per dozen, \$3.00 per 100.

## OXALIS

Suitable for hanging baskets, pots, window boxes and borders. Excellent for the school room. Separate colors of white, pink, yellow and lavender 20c per dozen, \$1.25 per 100.

## CALLA LILLIES

A well known plant of easy culture. Large Tubers. Each 20c, 2 for 35c.



# PLANTING CALENDAR

## FOR FIELD, GARDEN AND FLOWER SEEDS

Since the climatic conditions of Arizona vary to a great extent it would be impossible to formulate a table covering the entire state, therefore we cover here conditions in the Salt River Valley and Southern Arizona elevations to 3000 feet. Elevation to 4000 feet two to four weeks later.

### JANUARY

**VEGETABLE SEEDS.**—Beets, Carrots, Collards, Kale, Kohlrabi, Lettuce, Mustard, Onion Seed, Onion Sets, Parsley, Parsnips, Peas, Radishes, Spinach, Swiss Chard, Turnips, Bermuda, Grass Blue Grass, Rye Grass, White Clover, Cabbage Plants, Cauliflower Plants, Strawberry Plants, Asparagus, Rhubarb Roots.

**FLOWER SEEDS.**—Cosmos, Gaillardia, Larkspur, Petunia, Sweet Alyssum.

**BULBS.**—Anemone, Amaryllis, Canna, Calla Lily, Gladiolus, Spanish Iris, Lily of the Valley, Cuberose, Hyacinths, Tulips, Daffodils, Jonquils, Locus, Oxalis, Chinese Lily, Freesias, Ranunculus.

**FIELD SEEDS.**—Alfalfa, Barley, Oats, Rye, Wheat.

### FEBRUARY

**VEGETABLE SEEDS.**—Beets, Carrots, Collards, Sweet Corn, Kale, Kohlrabi, Lettuce, Mustard, Parsley, Peas, Potatoes, Spinach, Swiss Chard, Bush Squash, Tomatoes, Turnips, Strawberry Plants, Bermuda Grass, Blue Grass, Rye Grass, White Clover, Cabbage Plants, Onion Seed, Onion Sets, Asparagus Roots, Rhubarb Roots.

**FLOWER SEEDS.**—Asters, African Daisy, Cosmos, Balsam, Cockscomb, Evening Primrose, Four-o'clocks, For-get-me-nots, Helichrysum, Cochia, Lobelia, Lupins, Morning Glory, other Vine Seeds Marigold, Nasturtium, Sweet Alyssum, Petunia, Portulaca, Shasta Daisy.

**BULBS.**—Anemone, Amaryllis, Caladium, Canna, Calla Lily, Gladiolus, Madeira Vine, Tuberose, Chinese Lily.

**FIELD SEEDS.**—Alfalfa, Barley, Oats, Wheat, Set out Fruit Trees and Rose Bushes.

### MARCH

**VEGETABLE SEEDS.**—Asparagus, Beans, Beet, Carrots, Collards, Citron, Cucumber, Cress, Lettuce, Melons, Mustard, Pumpkin, Okra, Parsley, Parsnips, Peanuts, Peas, Onion Sets, Pepper Seed, Pepper Plants, Radishes, Salsify, Spinach, Squash, Tomato Seed, Tomato Plants, Lawn Grass.

**FLOWER SEEDS.**—Asters, All Vine Seeds, Balsam, Cockscomb, Cosmos, Four-o-Clock, Helichrysum, Cochia, Larkspur, Marigold, Nasturtium, Petunia, Portulaca, Sweet Alyssum, Verbena, Zinnia.

**BULBS.**—Dahlia, Gladiolus, Maderia Vine, Tuberose, Canna, Caladium. Set out Fruit Trees and Rose Bushes.

### APRIL

**VEGETABLE SEEDS.**—Asparagus Seed, Asparagus Roots, Beets, Cucumbers, Melons, Peanuts, Pumpkins, Radishes, Squash, Bermuda Grass, Tomato Plants, Pepper Plants, Sweet Potato Plants.

**FLOWER SEEDS.**—Asters, Cosmos, Hollylocks, Vive Seeds, Zinnia.

**BULBS.**—Dahlia, Gladiolus, Tuberose.

**FIELD SEEDS.**—Cowpeas, Kaffir Corn, Feterita, Sorghum, Millet, Milo Maize, Soudan Grass.

### MAY AND JUNE

**VEGETABLE SEEDS.**—Cassaba, Pumpkin, Peanuts, Squash.

**FLOWER SEEDS.**—Cosmos, Morning Glory, All Vine Seeds, Zinnia.

**FIELD SEEDS.**—Cowpeas, Feterita, Kaffir Corn, Millet, Soudan Grass, Milo Maize, Sorghums.

### JULY

**VEGETABLE SEEDS.**—Beets, Cabbage Seed and Cauliflower Seed, in a shaded bed, Cassaba, Corn, Pumpkin, Squash, Kentucky Wonder Beans.

**FLOWER SEEDS.**—Cosmos, Zinnia.

**FIELD SEEDS.**—Bermuda Grass, Cowpeas, Corn, Pink Beans, Milo Maize, Millet, Sorghums, Feterita, Kaffir Corn, Soudan Grass.

### AUGUST

**VEGETABLE SEEDS.**—Beets, Beans, Cabbage, Cauliflower, Carrots, Cucumbers, Onions, Parsnips, Peas, Turnips. Corn for roasting ears.

**FLOWER SEEDS.**—Cosmos, Phlox, Zinnia, Christmas Flowering Sweet Peas.

**FIELD SEEDS.**—Millet, Cowpeas, Soudan Grass, Pink Beans to August 10th.

### SEPTEMBER

**VEGETABLE SEEDS.**—Beans, Beets, Cabbage, Carrots, Cauliflower, Cucumber, Kohlrabi, Kale, Lettuce, Onion Seed, Onion Sets, Peas, Radishes, Spinach, Turnips, Lawn Grass.

**FLOWER SEEDS.**—Ageratum, Mignonette, Freesia Bulbs, Cosmos, Phlox, Nasturtium, Pansies, Sweet Alyssum, Hollyhocks, Zinnias, Christmas Flowering Sweet Peas.

### OCTOBER

**VEGETABLE SEEDS.**—Beets, Cabbage Seed, Cabbage Plants, Carrots, Celery, Cauliflower Seed, Cauliflower Plants, Endive, Kohlrabi, Leek, Lettuce, Onion Seed, Onion Sets, Parsley, Parsnips, Peas, Radishes, Salsify, Spinach, Turnips, Lawn Grass.

**FLOWER SEEDS.**—African Daisy, Calendula, Candytuft, Carnation, Centaurea, Clatkia, Coreopsis, Cosmos, Daisies, Globe Amaranth, Gaillardia, Hollyhock, Larkspur, Mignonette, Nicotiana, Nigella, Pansy, Petunia, Phlox, Poppies, Sweet Alyssum, Scabiosa, Stocks, Spencer Sweet Peas, Verbena.

**BULBS.**—Hyacinths, Tulips, Daffodils, Paper Whites, Chinese Lily, Freesia, Spanish Iris, Calla Lily, Amaryllis, Anemone, Crocus, Oxalis, Ranunculus.

**FIELD SEEDS.**—Alfalfa, Barley, Rye, Oats, Wheat.

### NOVEMBER AND DECEMBER

**VEGETABLE SEEDS.**—Beets, Carrots, Lettuce, Onion Seed, Onion Sets, Parsley, Parsnips, Peas, Radishes, Spinach, Turnips, Cabbage Plants, Cauliflower Plants, Strawberry Plants, Lawn Grass.

**FLOWER SEEDS.**—African Daisy, Calendula, Candytuft, Carnation, Centaurea, Clarkia, Coreopsis, Cosmos, Daisies, Globe Amaranth, Gaillardia, Hollyhock, Larkspur, Mignonette, Nicotiana, Nigella, Pansy, Petunia, Phlox, Poppies, Scabiosa, Stocks, Spencer Sweet Peas.

**BULBS.**—Hyacinths, Tulips, Daffodils, Paper Whites, Chinese Lily, Freesia, Spanish Iris, Calla Lily, Amaryllis, Anemone, Crocus, Oxalis, Ranunculus.



Avondale Maize

Record Yield

5600 Lbs Per Acre



## TWO WONDERFUL PRODUCERS

Avondale Hegari

Record Yield

4700 Lbs Per Acre

